

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
 Data File : BG051351.D  
 Acq On : 6 Dec 2021 15:30  
 Operator : CG/JU  
 Sample : M4942-03DL 25X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGKQ1DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG051351.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.655       | 364           | 369         | 375          | rVV      | 193366         | 313386        | 1.66%           | 0.343%        |
| 2         | 5.790       | 385           | 392         | 403          | rBV      | 521602         | 1101820       | 5.83%           | 1.205%        |
| 3         | 6.161       | 448           | 455         | 464          | rVB2     | 272653         | 607567        | 3.21%           | 0.664%        |
| 4         | 6.648       | 525           | 538         | 543          | rBV3     | 63560          | 161946        | 0.86%           | 0.177%        |
| 5         | 7.142       | 618           | 622         | 627          | rVV2     | 178273         | 297988        | 1.58%           | 0.326%        |
| 6         | 7.195       | 627           | 631         | 636          | rVV      | 117170         | 177414        | 0.94%           | 0.194%        |
| 7         | 7.253       | 636           | 641         | 646          | rVV      | 230742         | 389817        | 2.06%           | 0.426%        |
| 8         | 7.312       | 646           | 651         | 657          | rVV3     | 229288         | 409855        | 2.17%           | 0.448%        |
| 9         | 7.389       | 657           | 664         | 671          | rVB2     | 368249         | 720513        | 3.81%           | 0.788%        |
| 10        | 7.559       | 687           | 693         | 698          | rBV      | 95392          | 182869        | 0.97%           | 0.200%        |
| 11        | 7.776       | 725           | 730         | 734          | rVV      | 622750         | 949007        | 5.02%           | 1.038%        |
| 12        | 7.823       | 734           | 738         | 746          | rVB      | 450235         | 754702        | 3.99%           | 0.825%        |
| 13        | 8.135       | 786           | 791         | 796          | rVB      | 182463         | 276956        | 1.47%           | 0.303%        |
| 14        | 8.194       | 796           | 801         | 804          | rBV      | 98519          | 193936        | 1.03%           | 0.212%        |
| 15        | 8.229       | 804           | 807         | 813          | rVB      | 135007         | 228790        | 1.21%           | 0.250%        |
| 16        | 8.299       | 813           | 819         | 824          | rBV2     | 149021         | 280704        | 1.49%           | 0.307%        |
| 17        | 8.687       | 880           | 885         | 889          | rVV3     | 117122         | 257822        | 1.36%           | 0.282%        |
| 18        | 8.746       | 889           | 895         | 902          | rVB2     | 158067         | 400854        | 2.12%           | 0.438%        |
| 19        | 8.822       | 902           | 908         | 920          | rBV2     | 330555         | 620115        | 3.28%           | 0.678%        |
| 20        | 8.928       | 920           | 926         | 930          | rBV      | 149741         | 242403        | 1.28%           | 0.265%        |
| 21        | 9.286       | 976           | 987         | 997          | rBV3     | 153205         | 354034        | 1.87%           | 0.387%        |
| 22        | 9.398       | 997           | 1006        | 1011         | rBV      | 861622         | 1464711       | 7.75%           | 1.602%        |
| 23        | 9.539       | 1026          | 1030        | 1037         | rVV4     | 81701          | 193133        | 1.02%           | 0.211%        |
| 24        | 9.633       | 1040          | 1046        | 1059         | rVV7     | 84556          | 267399        | 1.41%           | 0.292%        |
| 25        | 9.815       | 1072          | 1077        | 1083         | rVV2     | 105877         | 207085        | 1.10%           | 0.226%        |
| 26        | 9.880       | 1083          | 1088        | 1092         | rVV2     | 95949          | 176503        | 0.93%           | 0.193%        |
| 27        | 10.185      | 1135          | 1140        | 1144         | rVV4     | 77126          | 162385        | 0.86%           | 0.178%        |
| 28        | 10.397      | 1170          | 1176        | 1182         | rVV3     | 160045         | 291927        | 1.54%           | 0.319%        |
| 29        | 10.949      | 1264          | 1270        | 1277         | rVV      | 526230         | 884348        | 4.68%           | 0.967%        |
| 30        | 11.026      | 1277          | 1283        | 1285         | rVV      | 151697         | 292642        | 1.55%           | 0.320%        |
| 31        | 11.078      | 1285          | 1292        | 1297         | rVV      | 1160324        | 2255428       | 11.93%          | 2.466%        |
| 32        | 11.131      | 1297          | 1301        | 1307         | rVV      | 135177         | 230143        | 1.22%           | 0.252%        |
| 33        | 11.995      | 1440          | 1448        | 1452         | rBV      | 144585         | 256978        | 1.36%           | 0.281%        |
| 34        | 12.389      | 1509          | 1515        | 1522         | rBV      | 518644         | 777637        | 4.11%           | 0.850%        |
| 35        | 12.665      | 1556          | 1562        | 1569         | rVB      | 652546         | 1094317       | 5.79%           | 1.197%        |
| 36        | 12.882      | 1592          | 1599        | 1607         | rVB      | 303746         | 560197        | 2.96%           | 0.613%        |

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 BGKQ1DL

Integration Parameters: LSCINT.P

Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |     |        |         |       |        |
|----|--------|------|------|------|-----|--------|---------|-------|--------|
| 37 | 13.276 | 1660 | 1666 | 1671 | rBV | 188612 | 316992  | 1.68% | 0.347% |
| 38 | 13.329 | 1671 | 1675 | 1680 | rVB | 133444 | 187573  | 0.99% | 0.205% |
| 39 | 13.617 | 1717 | 1724 | 1728 | rBV | 756813 | 1120418 | 5.93% | 1.225% |
| 40 | 13.858 | 1760 | 1765 | 1775 | rVB | 84290  | 172177  | 0.91% | 0.188% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 41 | 14.004 | 1782 | 1790 | 1796 | rVB3 | 157113 | 407212 | 2.15% | 0.445% |
| 42 | 14.145 | 1808 | 1814 | 1817 | rVV2 | 233231 | 484553 | 2.56% | 0.530% |
| 43 | 14.175 | 1817 | 1819 | 1827 | rVV2 | 213522 | 529639 | 2.80% | 0.579% |
| 44 | 14.263 | 1831 | 1834 | 1839 | rVV2 | 192397 | 309665 | 1.64% | 0.339% |
| 45 | 14.386 | 1850 | 1855 | 1858 | rVV  | 124148 | 194712 | 1.03% | 0.213% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 46 | 14.439 | 1860 | 1864 | 1873 | rVB4 | 81316  | 186876 | 0.99% | 0.204% |
| 47 | 14.680 | 1901 | 1905 | 1911 | rVB  | 715483 | 904495 | 4.79% | 0.989% |
| 48 | 14.827 | 1926 | 1930 | 1935 | rVV  | 221677 | 340591 | 1.80% | 0.372% |
| 49 | 15.021 | 1958 | 1963 | 1971 | rBV2 | 89723  | 231501 | 1.22% | 0.253% |
| 50 | 15.221 | 1992 | 1997 | 2004 | rVV4 | 225490 | 422803 | 2.24% | 0.462% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 51 | 15.291 | 2004 | 2009 | 2017 | rVB3 | 201350 | 343844 | 1.82% | 0.376% |
| 52 | 15.432 | 2028 | 2033 | 2038 | rBV2 | 94738  | 199574 | 1.06% | 0.218% |
| 53 | 15.591 | 2054 | 2060 | 2061 | rBV3 | 151068 | 251034 | 1.33% | 0.275% |
| 54 | 15.632 | 2062 | 2067 | 2072 | rVB  | 678613 | 972361 | 5.14% | 1.063% |
| 55 | 15.738 | 2081 | 2085 | 2090 | rBV2 | 123330 | 189841 | 1.00% | 0.208% |

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 56 | 16.031 | 2131 | 2135 | 2139 | rVV  | 214006 | 347715  | 1.84% | 0.380% |
| 57 | 16.078 | 2139 | 2143 | 2148 | rVB3 | 159764 | 275879  | 1.46% | 0.302% |
| 58 | 16.496 | 2209 | 2214 | 2224 | rBV  | 662874 | 1550932 | 8.21% | 1.696% |
| 59 | 16.625 | 2231 | 2236 | 2240 | rBV2 | 209542 | 348821  | 1.85% | 0.381% |
| 60 | 16.772 | 2255 | 2261 | 2264 | rBV5 | 111487 | 220439  | 1.17% | 0.241% |

|    |        |      |      |      |     |        |        |       |        |
|----|--------|------|------|------|-----|--------|--------|-------|--------|
| 61 | 17.283 | 2344 | 2348 | 2352 | rBV | 557683 | 698547 | 3.70% | 0.764% |
| 62 | 17.336 | 2353 | 2357 | 2361 | rVB | 224493 | 322329 | 1.71% | 0.352% |
| 63 | 17.442 | 2371 | 2375 | 2379 | rVB | 158903 | 218998 | 1.16% | 0.239% |
| 64 | 17.583 | 2394 | 2399 | 2403 | rBV | 259854 | 396346 | 2.10% | 0.433% |
| 65 | 17.829 | 2437 | 2441 | 2446 | rVB | 165814 | 241066 | 1.28% | 0.264% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 66 | 18.023 | 2470 | 2474 | 2481 | rVB  | 505038 | 695918 | 3.68% | 0.761% |
| 67 | 18.452 | 2543 | 2547 | 2553 | rBV  | 434176 | 676355 | 3.58% | 0.740% |
| 68 | 18.511 | 2553 | 2557 | 2563 | rVB  | 290021 | 435109 | 2.30% | 0.476% |
| 69 | 18.711 | 2588 | 2591 | 2595 | rVB  | 366306 | 436117 | 2.31% | 0.477% |
| 70 | 18.993 | 2636 | 2639 | 2647 | rVB3 | 191522 | 288292 | 1.53% | 0.315% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 71 | 19.339 | 2693 | 2698 | 2703 | rBV2 | 557239 | 792230 | 4.19% | 0.866% |
| 72 | 19.539 | 2728 | 2732 | 2737 | rBV2 | 256674 | 354883 | 1.88% | 0.388% |
| 73 | 19.768 | 2768 | 2771 | 2776 | rVB  | 260537 | 306709 | 1.62% | 0.335% |
| 74 | 19.821 | 2777 | 2780 | 2784 | rVB  | 159296 | 190939 | 1.01% | 0.209% |
| 75 | 19.909 | 2791 | 2795 | 2798 | rBV  | 303725 | 372884 | 1.97% | 0.408% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 76 | 19.939 | 2798 | 2800 | 2807 | rVB2 | 300497 | 512652 | 2.71% | 0.561% |
|----|--------|------|------|------|------|--------|--------|-------|--------|

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 BNA\_G  
 ClientSampleId :  
 BGKQ1DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |          |         |         |
|-----|--------|------|------|------|------|---------|----------|---------|---------|
| 77  | 20.221 | 2844 | 2848 | 2851 | rBV  | 295211  | 377721   | 2.00%   | 0.413%  |
| 78  | 20.438 | 2881 | 2885 | 2890 | rBV  | 558457  | 681023   | 3.60%   | 0.745%  |
| 79  | 20.879 | 2951 | 2960 | 2964 | rVB  | 9244492 | 17912762 | 94.77%  | 19.589% |
| 80  | 20.937 | 2966 | 2970 | 2974 | rVB  | 510623  | 591229   | 3.13%   | 0.647%  |
| 81  | 21.196 | 3011 | 3014 | 3020 | rVB2 | 489030  | 703489   | 3.72%   | 0.769%  |
| 82  | 21.360 | 3038 | 3042 | 3049 | rBV  | 172891  | 274960   | 1.45%   | 0.301%  |
| 83  | 21.460 | 3055 | 3059 | 3065 | rVB  | 923547  | 1336592  | 7.07%   | 1.462%  |
| 84  | 21.742 | 3098 | 3107 | 3120 | rVB  | 9301215 | 18902007 | 100.00% | 20.670% |
| 85  | 21.860 | 3122 | 3127 | 3129 | rBV3 | 237292  | 431232   | 2.28%   | 0.472%  |
| 86  | 22.024 | 3149 | 3155 | 3160 | rBV2 | 637886  | 1132065  | 5.99%   | 1.238%  |
| 87  | 22.483 | 3230 | 3233 | 3235 | rBV  | 151269  | 205952   | 1.09%   | 0.225%  |
| 88  | 22.530 | 3235 | 3241 | 3247 | rVB4 | 1022994 | 2157010  | 11.41%  | 2.359%  |
| 89  | 22.659 | 3258 | 3263 | 3274 | rVB2 | 600553  | 1138362  | 6.02%   | 1.245%  |
| 90  | 22.994 | 3314 | 3320 | 3335 | rVB  | 686525  | 1776248  | 9.40%   | 1.942%  |
| 91  | 23.158 | 3343 | 3348 | 3356 | rBV4 | 193018  | 437064   | 2.31%   | 0.478%  |
| 92  | 23.382 | 3380 | 3386 | 3397 | rVB2 | 446972  | 958119   | 5.07%   | 1.048%  |
| 93  | 23.881 | 3466 | 3471 | 3481 | rVB  | 218422  | 472290   | 2.50%   | 0.516%  |
| 94  | 24.228 | 3524 | 3530 | 3538 | rBV  | 300600  | 651197   | 3.45%   | 0.712%  |
| 95  | 24.633 | 3593 | 3599 | 3612 | rVB  | 436992  | 1608508  | 8.51%   | 1.759%  |
| 96  | 24.909 | 3640 | 3646 | 3664 | rVB4 | 352405  | 1039498  | 5.50%   | 1.137%  |
| 97  | 25.221 | 3693 | 3699 | 3705 | rBV2 | 209354  | 452308   | 2.39%   | 0.495%  |
| 98  | 26.413 | 3895 | 3902 | 3913 | rVB2 | 180802  | 560618   | 2.97%   | 0.613%  |
| 99  | 26.913 | 3979 | 3987 | 4002 | rVB2 | 282697  | 958311   | 5.07%   | 1.048%  |
| 100 | 27.113 | 4012 | 4021 | 4032 | rVB5 | 344777  | 1200353  | 6.35%   | 1.313%  |

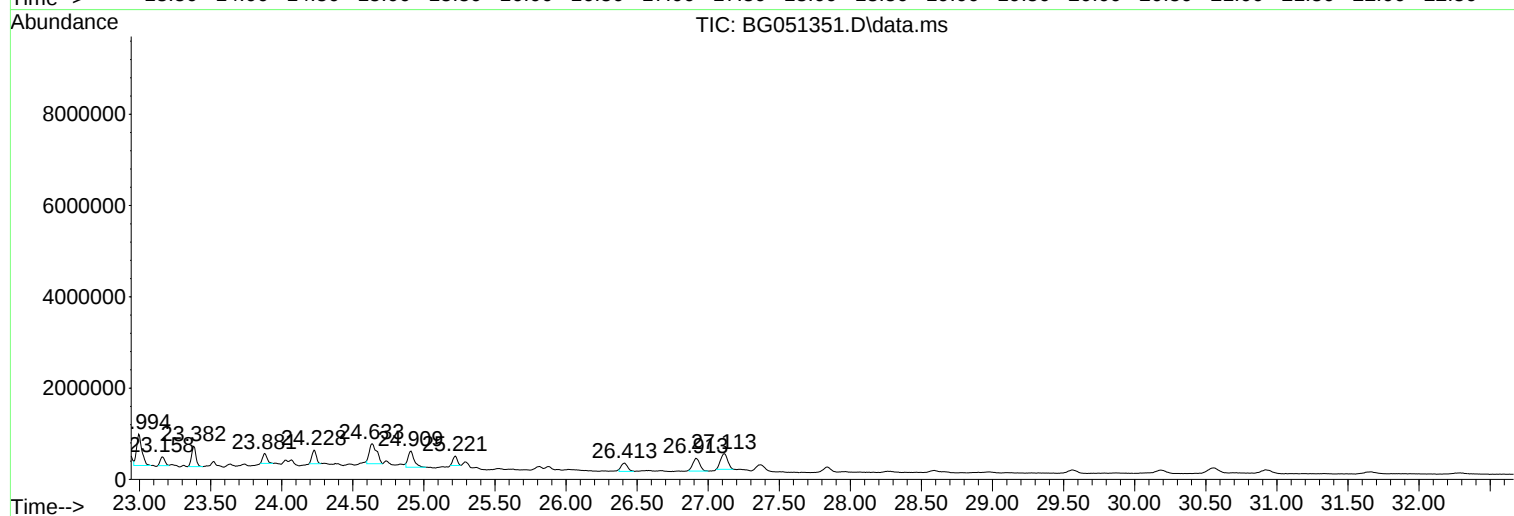
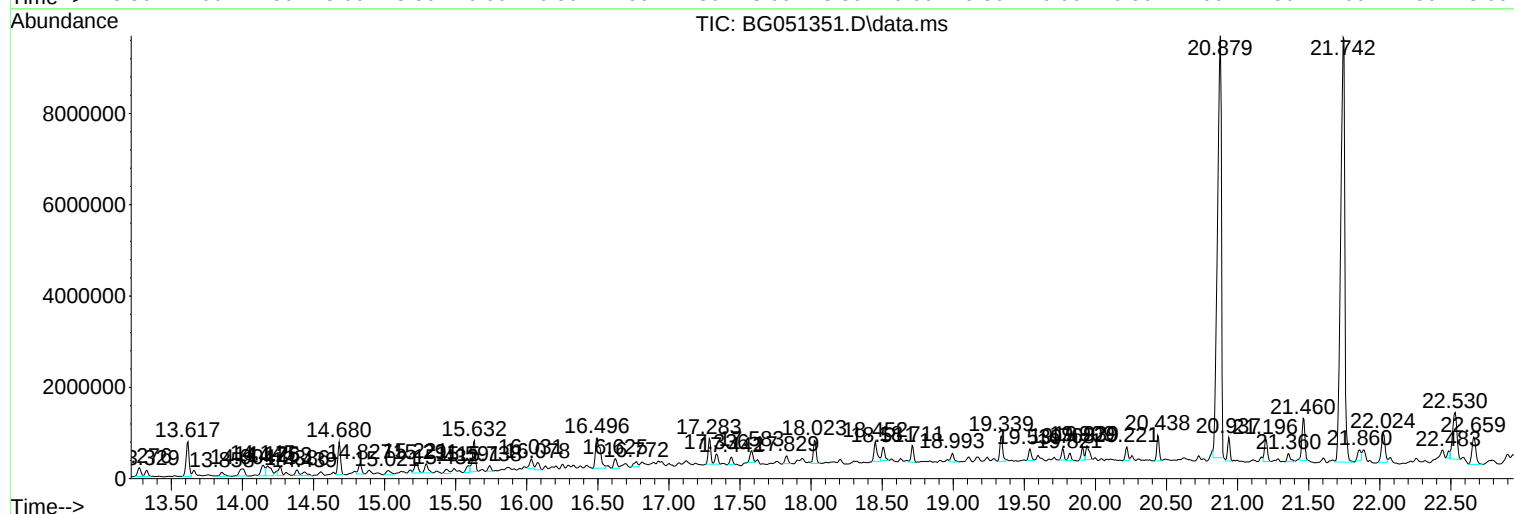
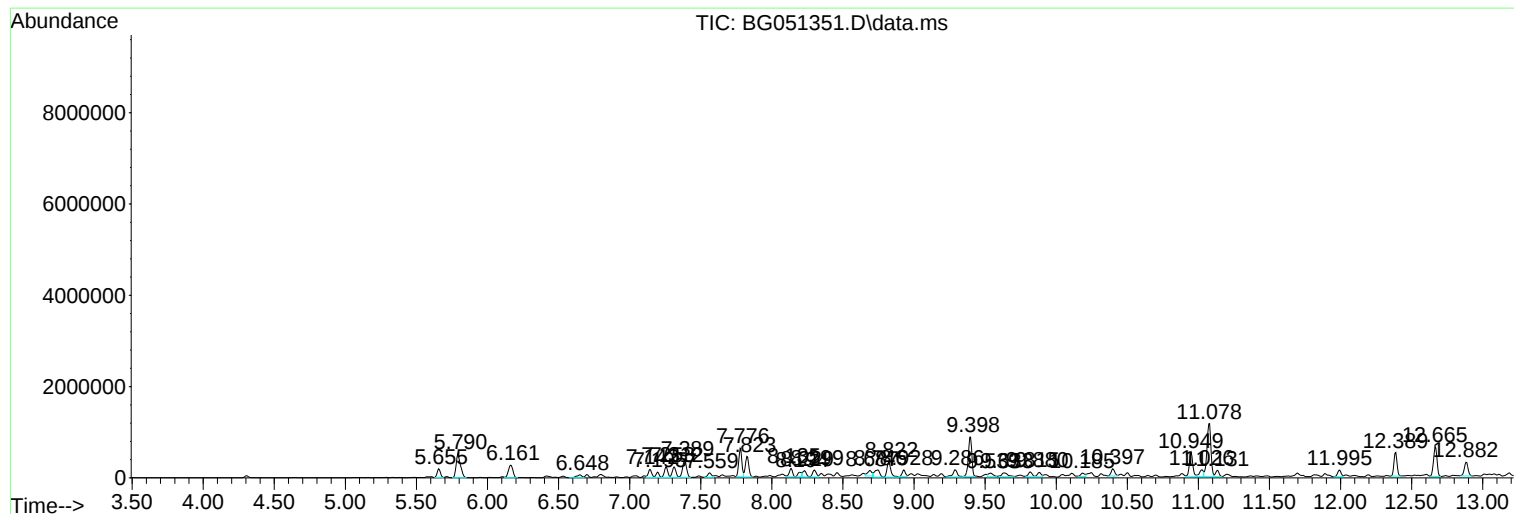
Sum of corrected areas: 91445270

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



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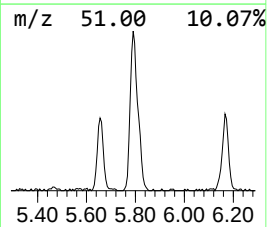
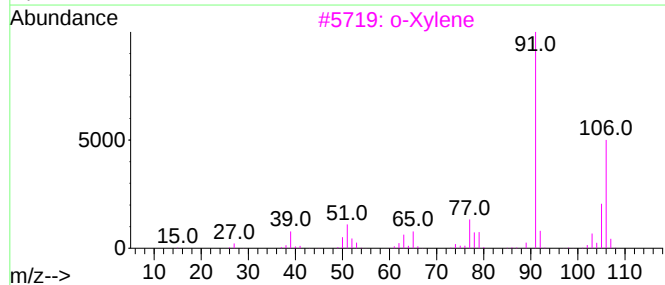
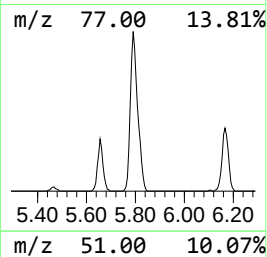
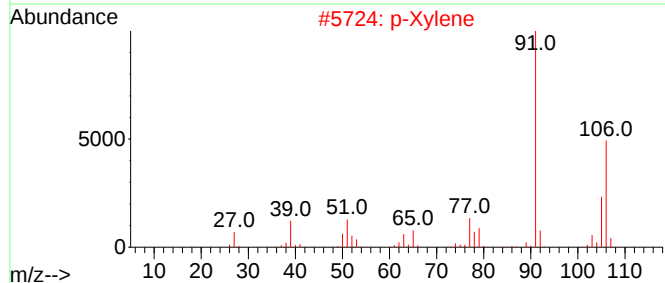
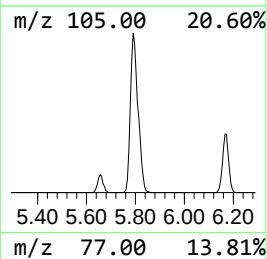
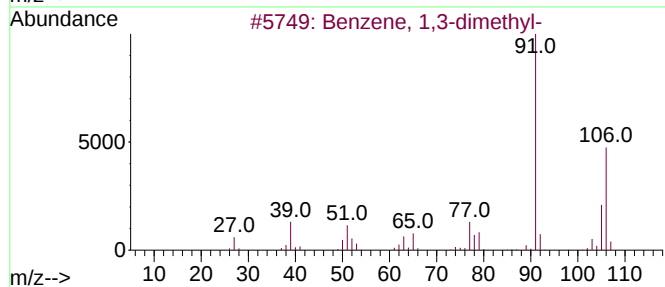
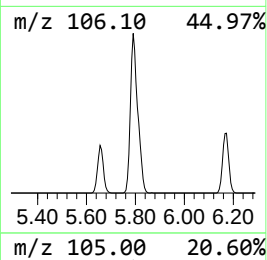
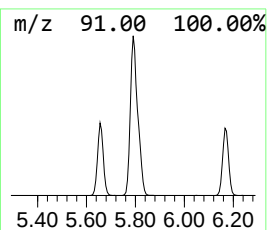
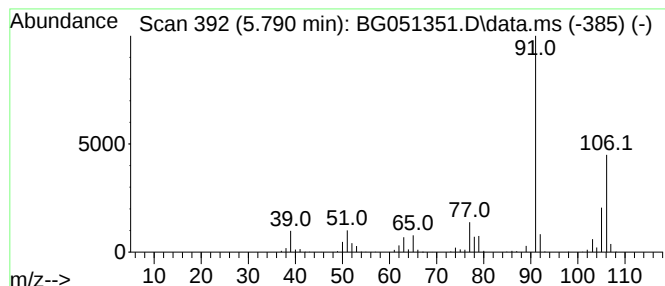
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 1

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 5.790 | 113.63 ng/ul | 1101820 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |
| 2    |    |   | p-Xylene               | 106 | C8H10   | 000106-42-3 | 97   |
| 3    |    |   | o-Xylene               | 106 | C8H10   | 000095-47-6 | 97   |
| 4    |    |   | p-Xylene               | 106 | C8H10   | 000106-42-3 | 97   |
| 5    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |



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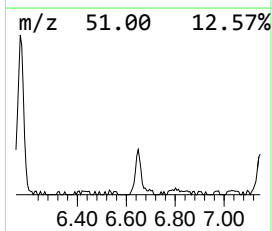
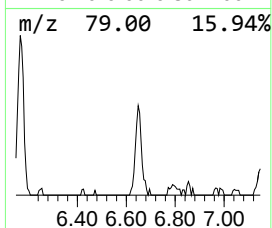
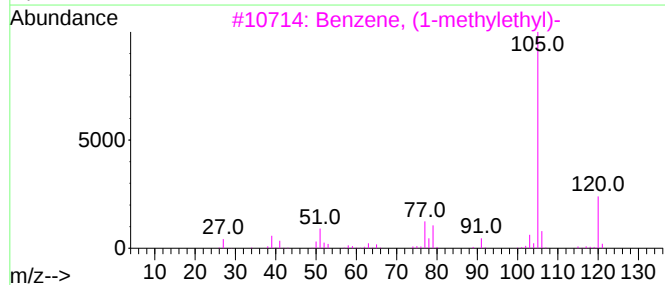
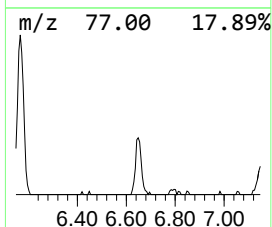
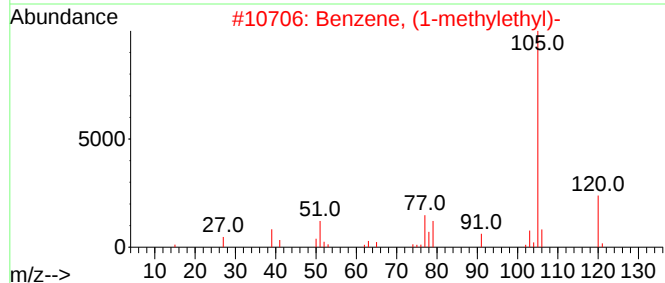
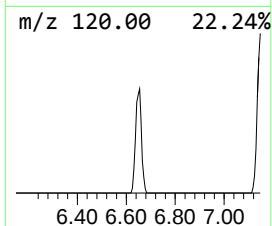
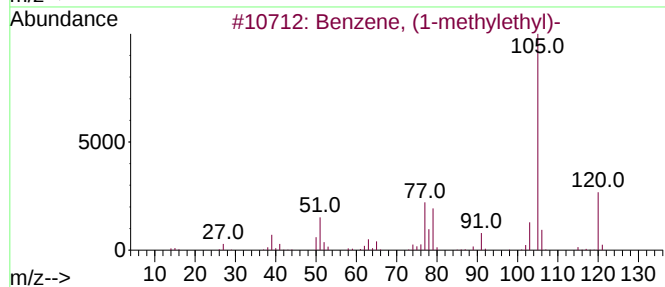
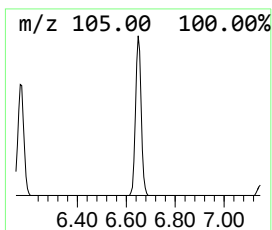
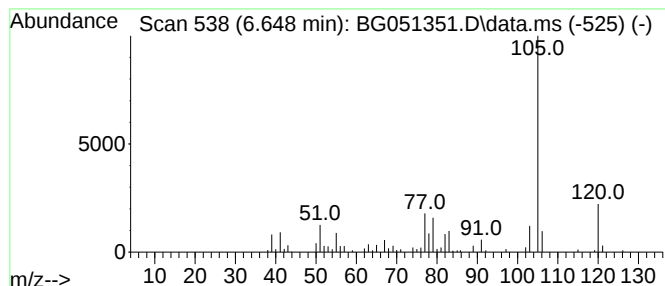
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 57

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.648 | 16.70 ng/ul | 161946 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 95   |
| 2    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 93   |
| 3    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 90   |
| 4    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 87   |
| 5    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

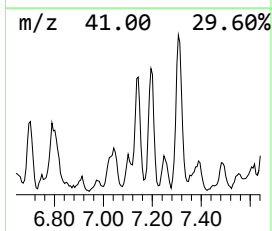
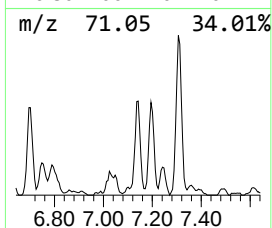
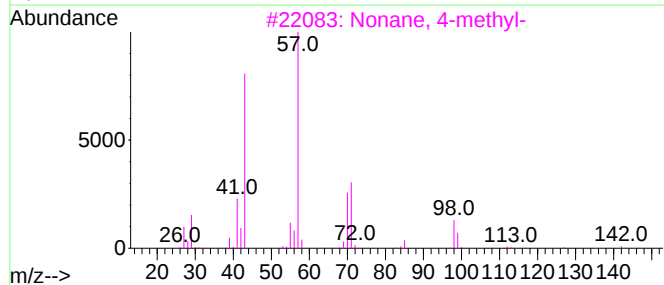
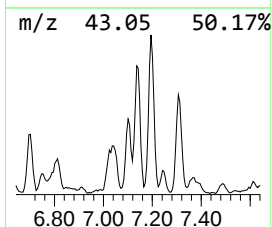
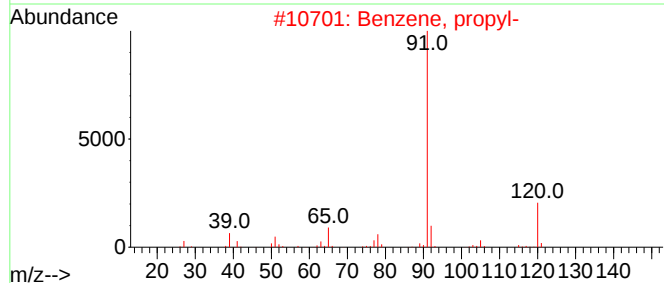
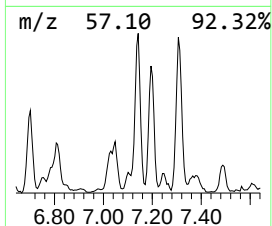
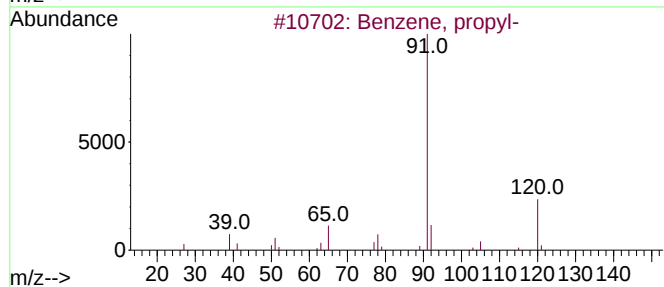
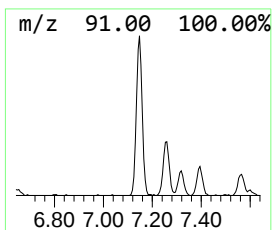
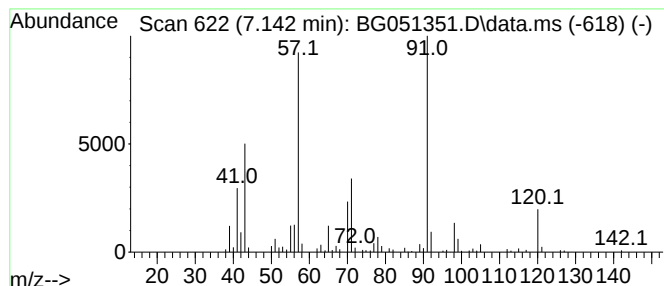
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown-01 Concentration Rank 31

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.142 | 30.73 ng/ul | 297988 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, propyl-    | 120 | C9H12   | 000103-65-1 | 46   |
| 2    |    |   | Benzene, propyl-    | 120 | C9H12   | 000103-65-1 | 46   |
| 3    |    |   | Nonane, 4-methyl-   | 142 | C10H22  | 017301-94-9 | 45   |
| 4    |    |   | Benzeneacetaldehyde | 120 | C8H8O   | 000122-78-1 | 42   |
| 5    |    |   | Benzene, propyl-    | 120 | C9H12   | 000103-65-1 | 41   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

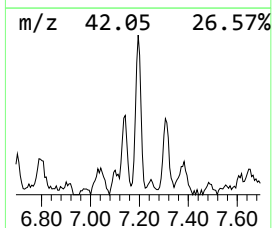
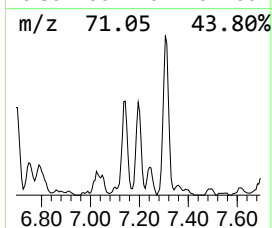
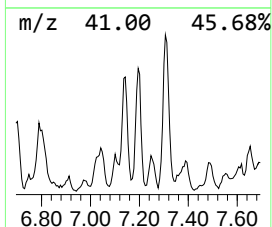
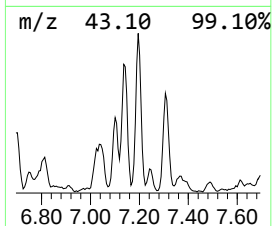
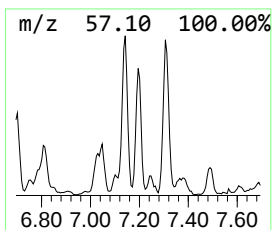
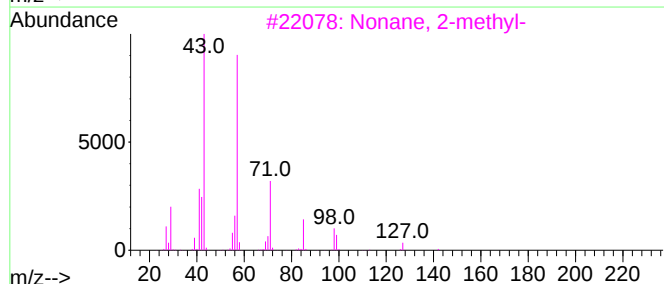
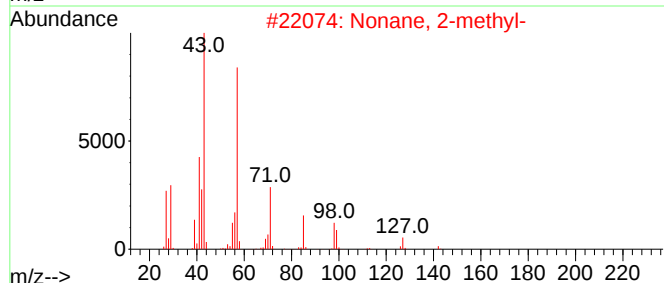
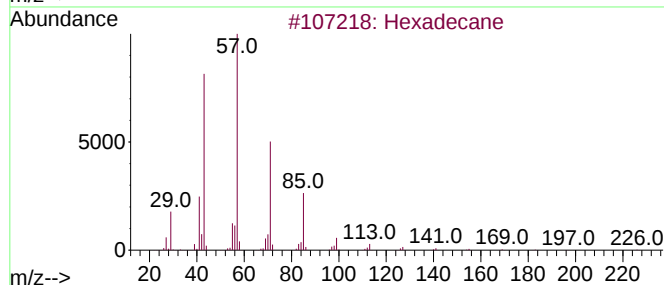
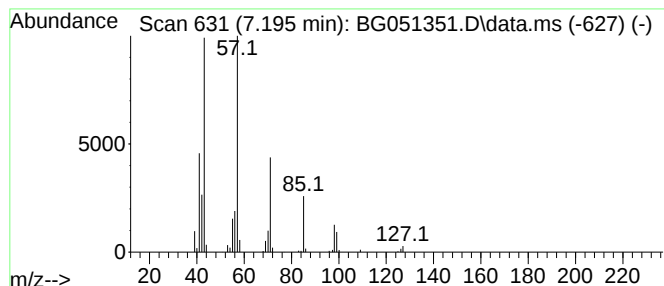
Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T.      | EstConc                           | Area   | Relative to ISTD       |           |              | R.T.  |
|-----------|-----------------------------------|--------|------------------------|-----------|--------------|-------|
| 7.195     | 18.30 ng/ul                       | 177414 | 1,4-Dichlorobenzene-d4 |           |              | 8.194 |
| Hit# of 5 | Tentative ID                      |        | MW                     | MolForm   | CAS#         | Qual  |
| 1         | Hexadecane                        |        | 226                    | C16H34    | 000544-76-3  | 72    |
| 2         | Nonane, 2-methyl-                 |        | 142                    | C10H22    | 000871-83-0  | 64    |
| 3         | Nonane, 2-methyl-                 |        | 142                    | C10H22    | 000871-83-0  | 64    |
| 4         | Decane                            |        | 142                    | C10H22    | 000124-18-5  | 64    |
| 5         | Sulfurous acid, hexyl octyl ester |        | 278                    | C14H30O3S | 1000309-13-0 | 64    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

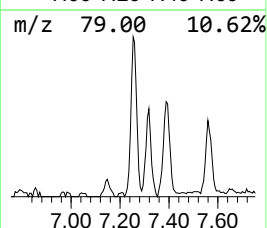
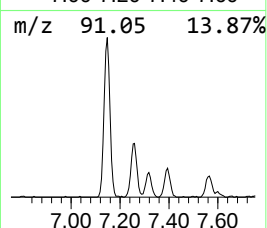
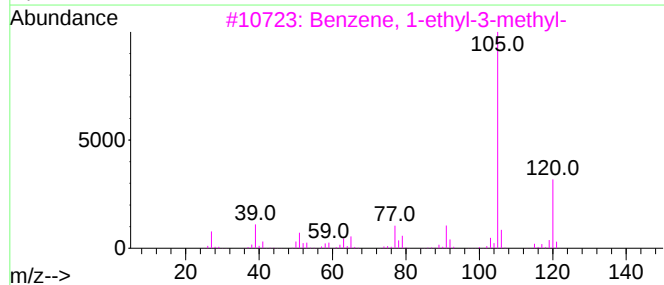
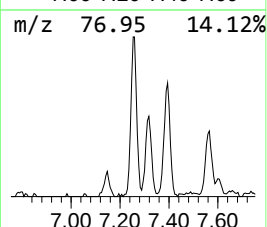
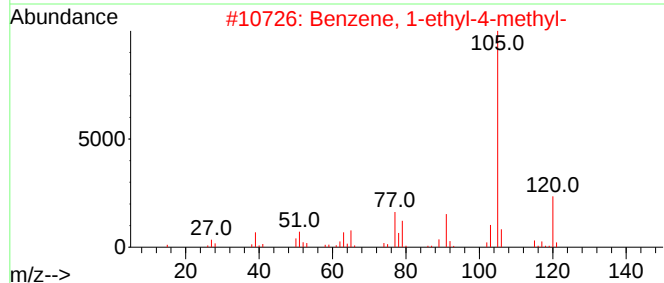
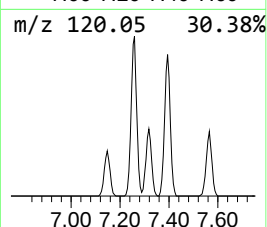
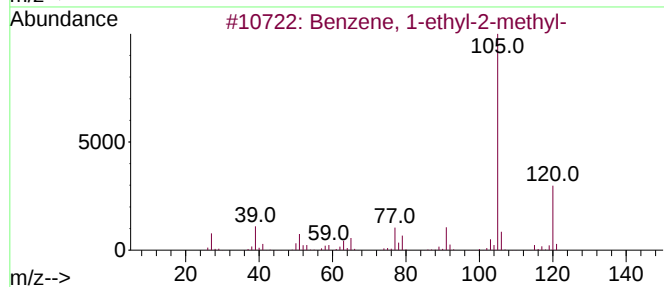
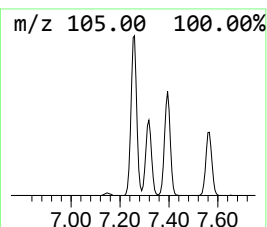
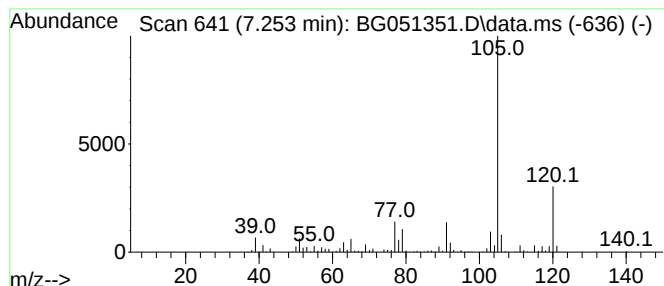
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 21

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.253 | 40.20 ng/ul | 389817 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

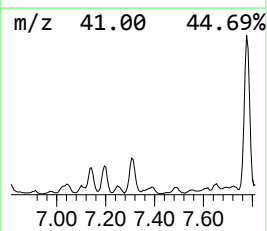
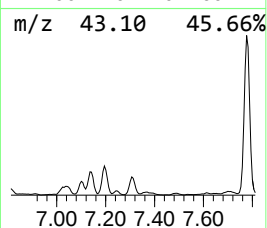
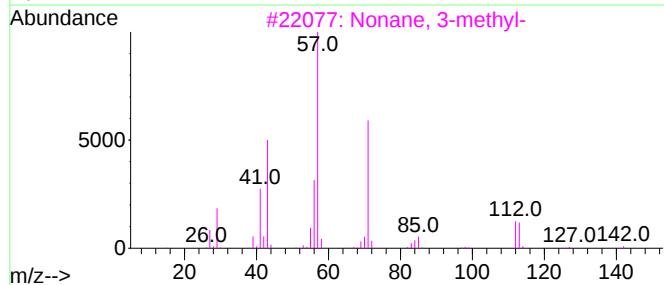
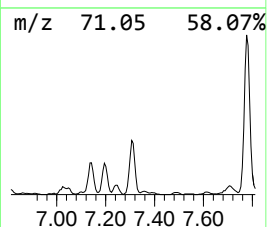
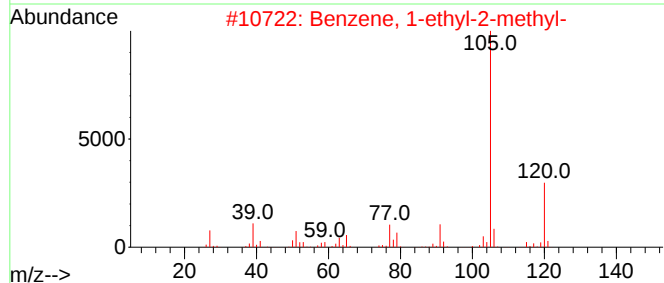
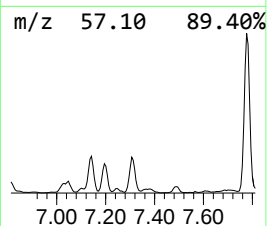
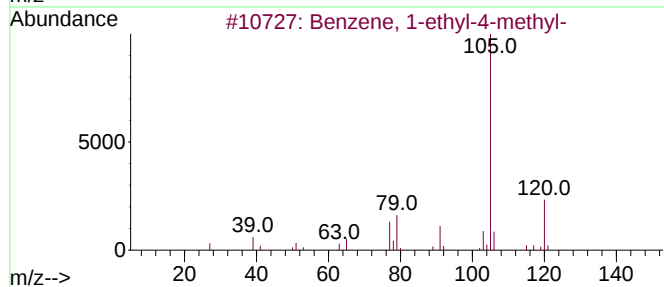
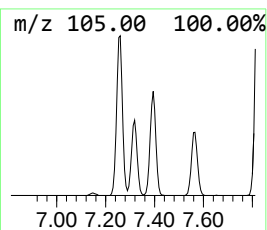
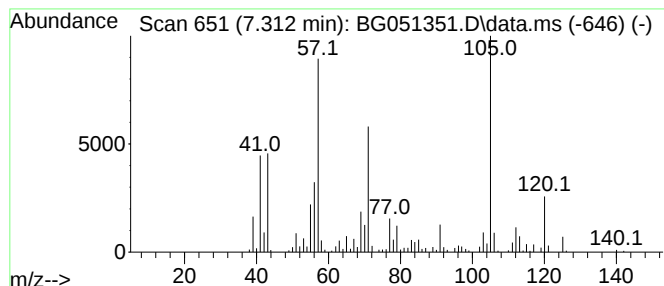
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.312 | 42.27 ng/ul | 409855 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 70   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 60   |
| 3    |    |   | Nonane, 3-methyl-          | 142 | C10H22  | 005911-04-6 | 60   |
| 4    |    |   | Nonane, 3-methyl-          | 142 | C10H22  | 005911-04-6 | 53   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

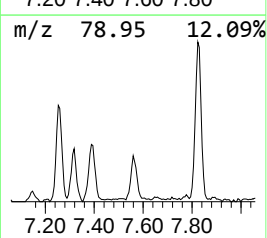
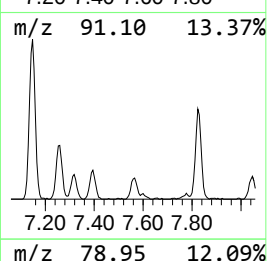
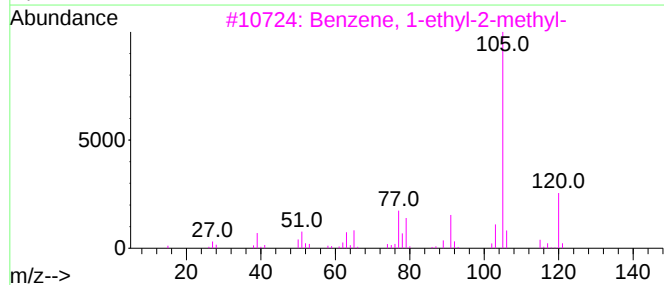
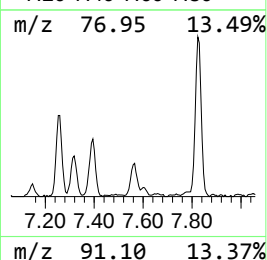
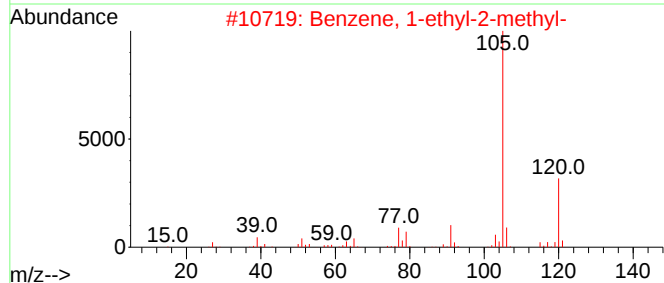
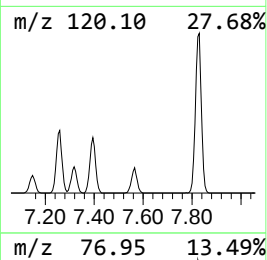
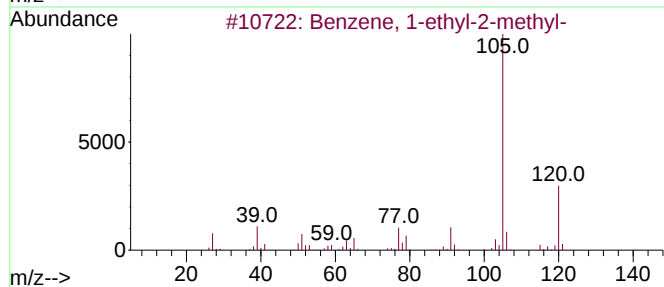
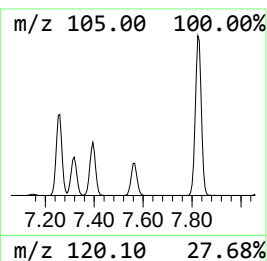
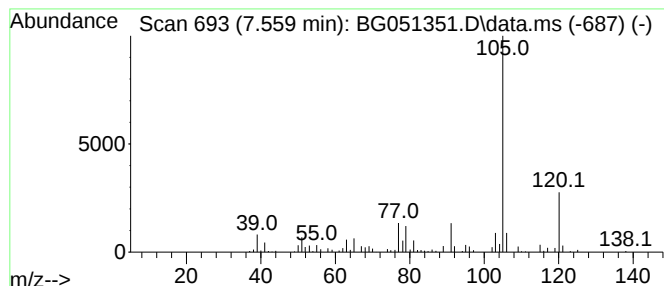
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 47

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.559 | 18.86 ng/ul | 182869 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

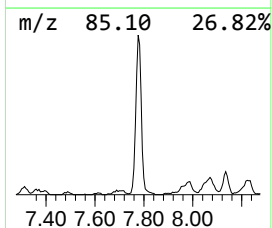
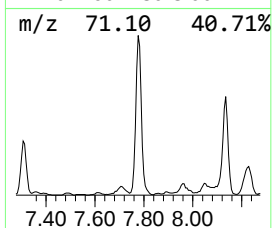
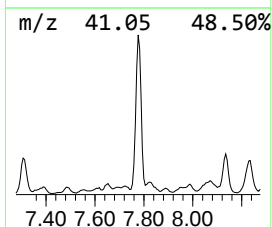
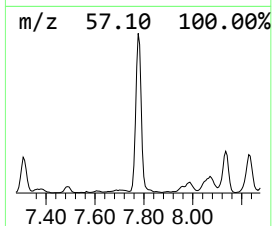
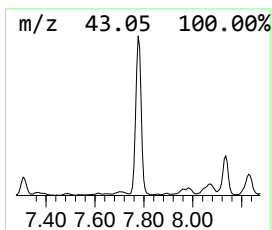
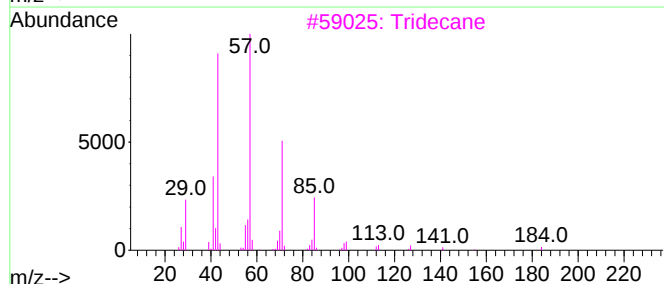
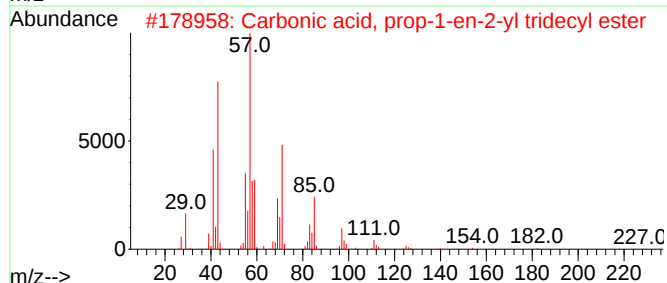
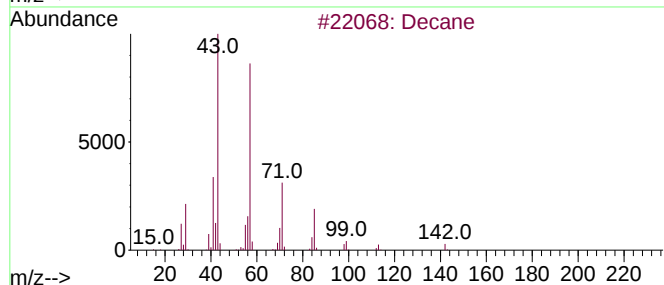
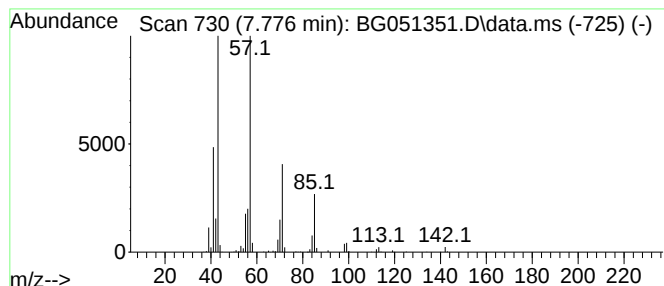
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.776 | 97.87 ng/ul | 949007 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Decane                              | 142 | C10H22   | 000124-18-5  | 91   |
| 2    |      | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 83   |
| 3    |      | Tridecane                           | 184 | C13H28   | 000629-50-5  | 72   |
| 4    |      | Decane                              | 142 | C10H22   | 000124-18-5  | 72   |
| 5    |      | Decane, 2,9-dimethyl-               | 170 | C12H26   | 001002-17-1  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

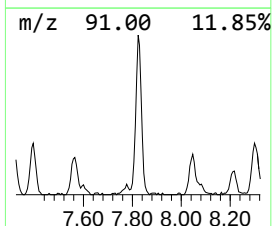
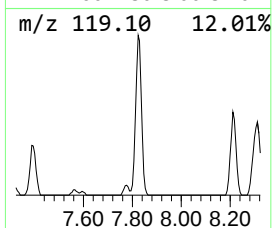
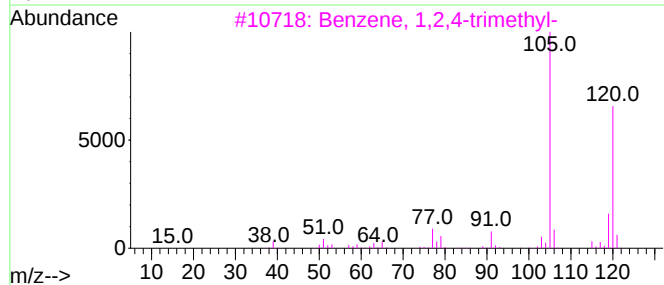
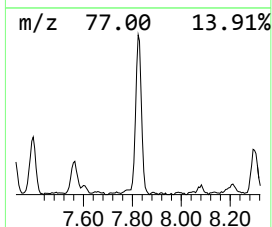
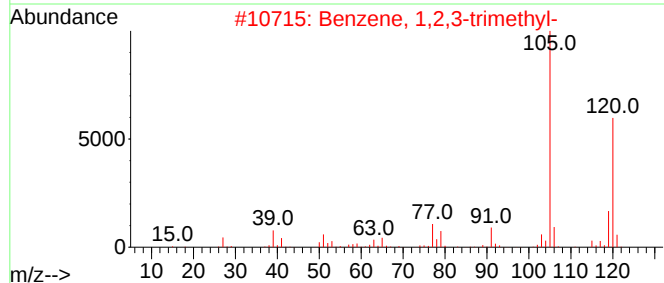
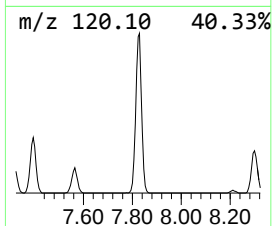
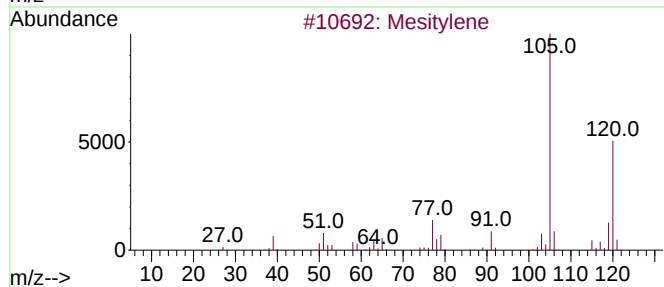
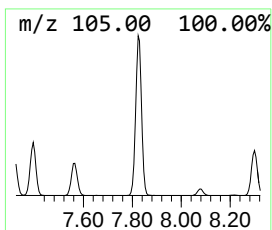
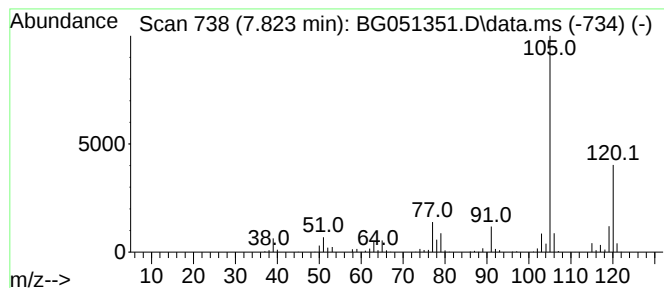
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Mesitylene Concentration Rank 5

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.823 | 77.83 ng/ul | 754702 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 3    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 5    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

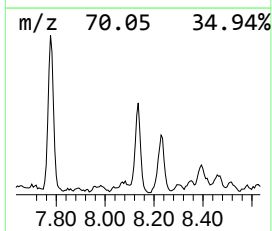
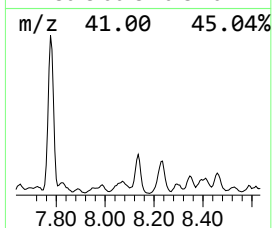
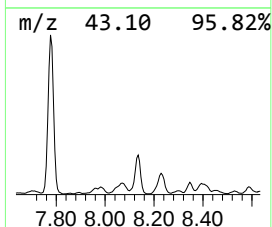
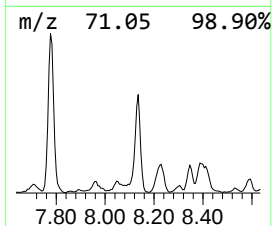
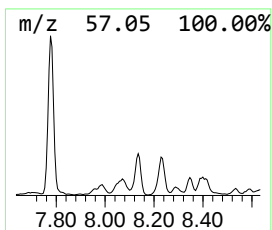
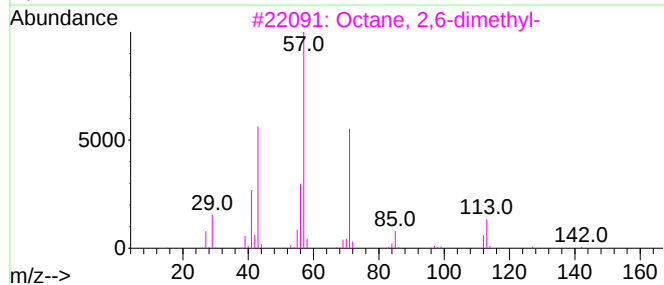
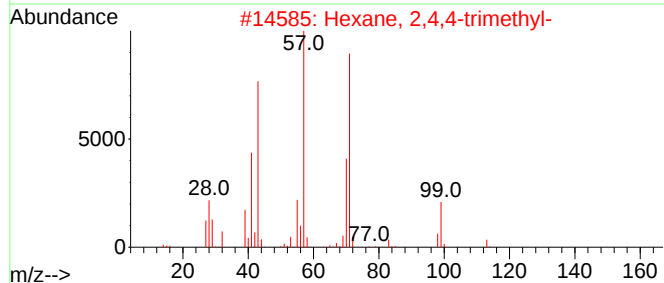
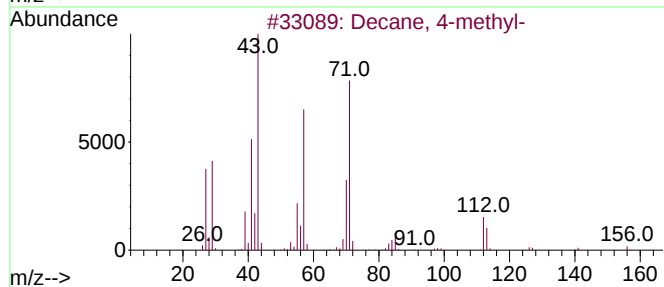
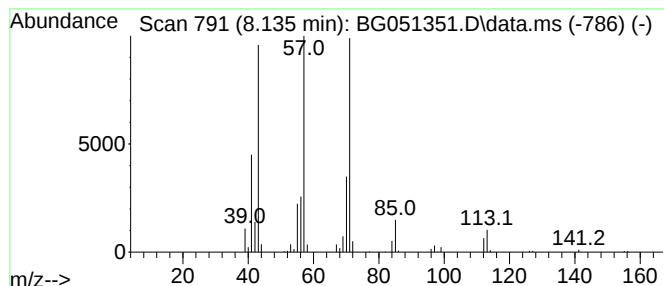
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.135 | 28.56 ng/ul | 276956 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Decane, 4-methyl-                   | 156 | C11H24    | 002847-72-5  | 72   |
| 2    |    |   | Hexane, 2,4,4-trimethyl-            | 128 | C9H20     | 016747-30-1  | 64   |
| 3    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 64   |
| 4    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 64   |
| 5    |    |   | Sulfurous acid, octyl 2-propyl e... | 236 | C11H24O3S | 1000309-11-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

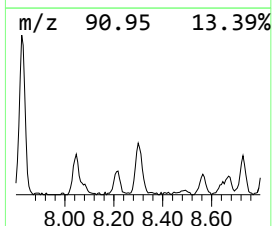
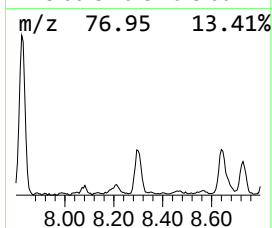
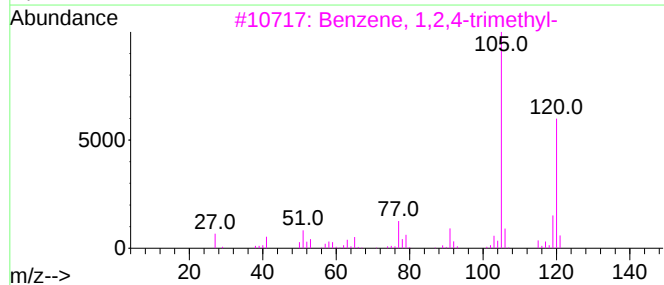
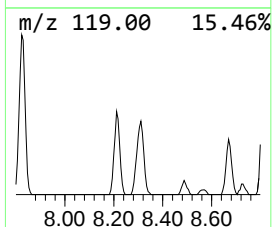
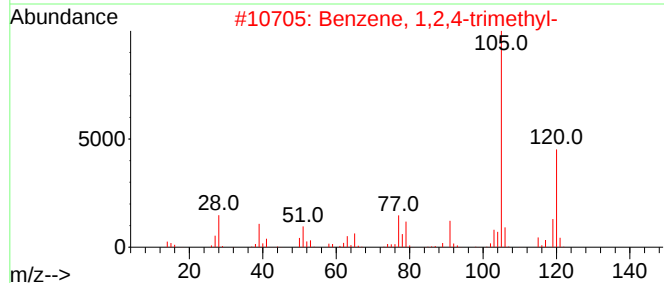
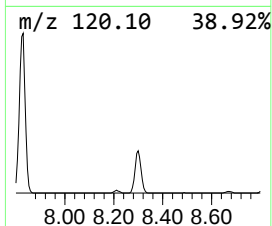
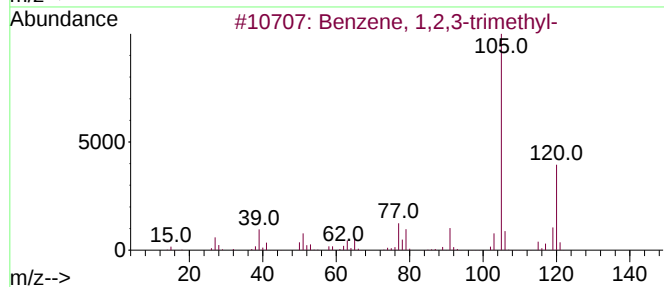
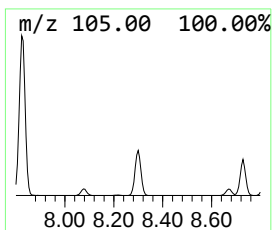
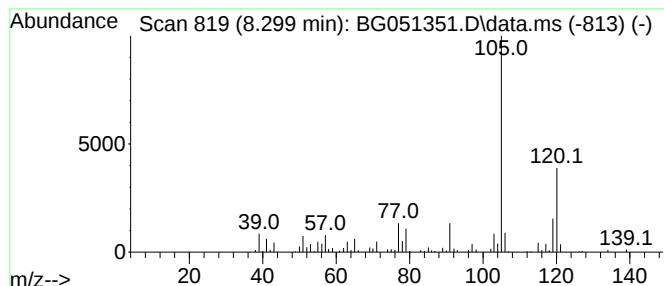
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 32

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.299 | 28.95 ng/ul | 280704 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 93   |
| 3    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 91   |
| 4    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

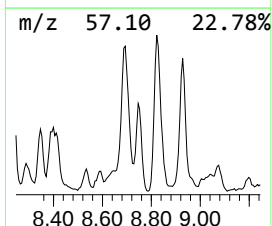
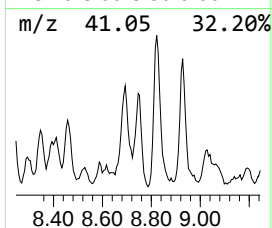
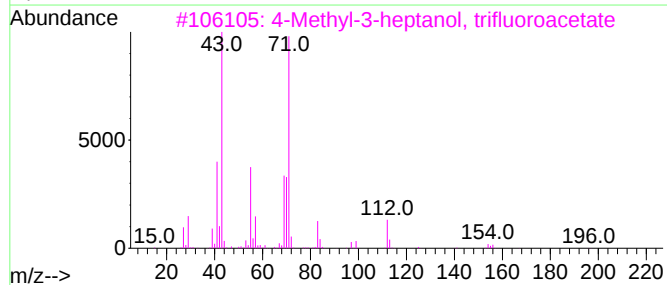
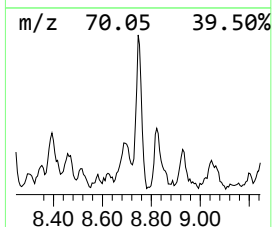
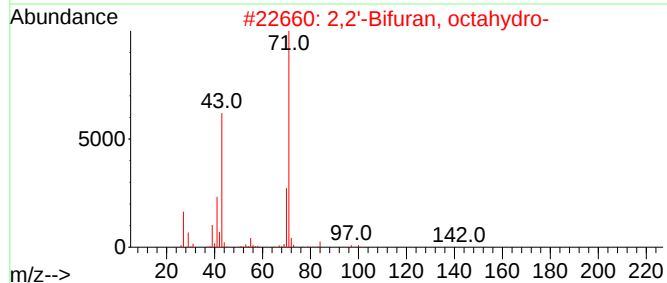
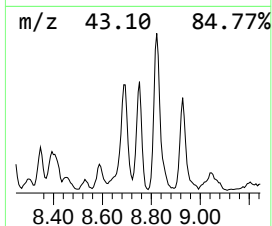
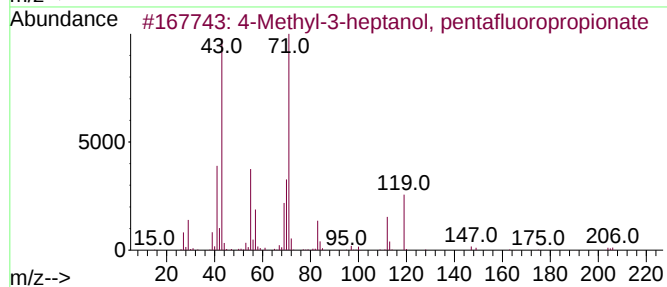
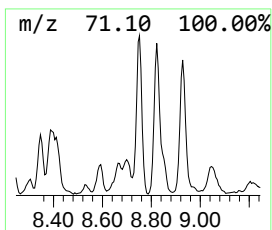
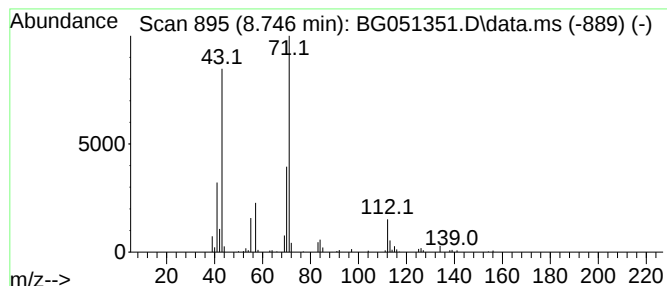
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 4-Methyl-3-heptanol, pentafl... Concentration Rank 20

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.746 | 41.34 ng/ul | 400854 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|------|-------------------------------------|-----|------------|--------------|------|
| 1    |      | 4-Methyl-3-heptanol, pentafluoro... | 276 | C11H17F5O2 | 1000365-51-7 | 78   |
| 2    |      | 2,2'-Bifuran, octahydro-            | 142 | C8H14O2    | 001592-33-2  | 72   |
| 3    |      | 4-Methyl-3-heptanol, trifluoroac... | 226 | C10H17F3O2 | 1000365-51-8 | 56   |
| 4    |      | Tridecane, 4-methyl-                | 198 | C14H30     | 026730-12-1  | 56   |
| 5    |      | Pentane, 3-bromo-                   | 150 | C5H11Br    | 001809-10-5  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

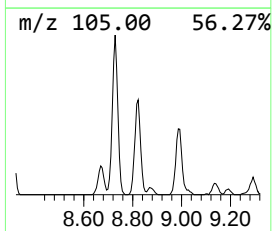
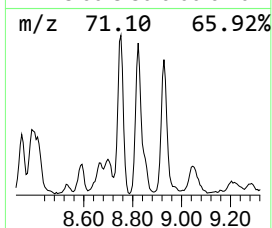
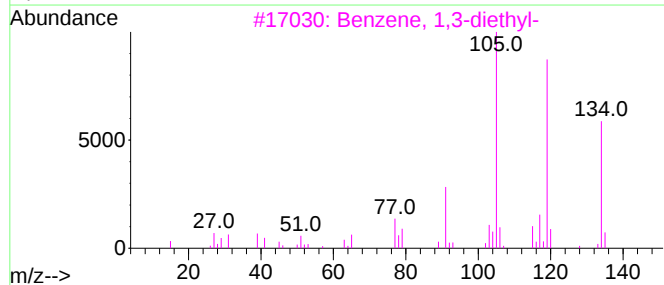
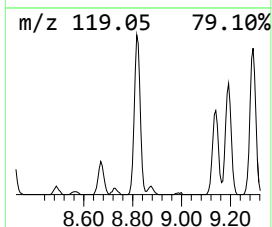
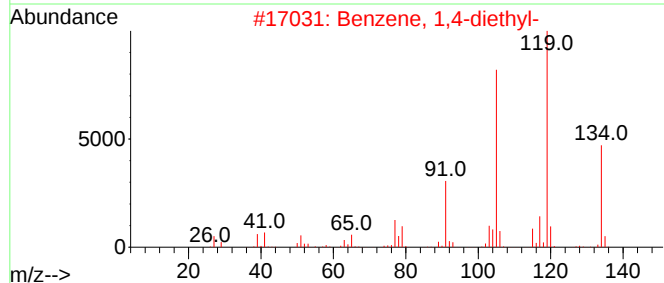
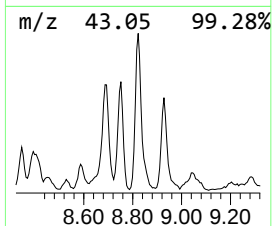
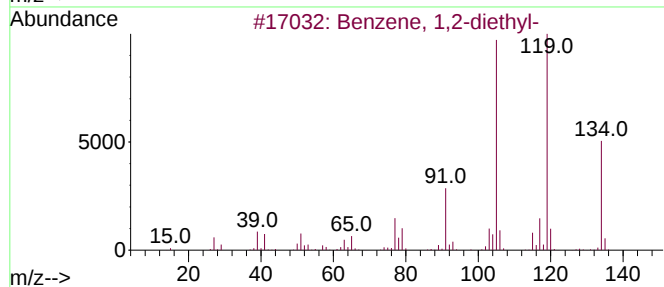
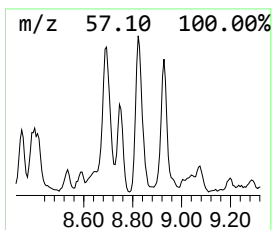
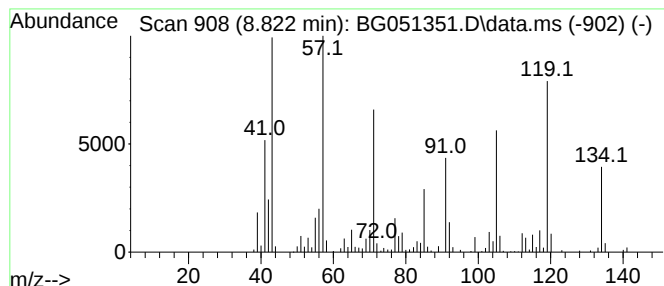
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 7

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.822 | 63.95 ng/ul | 620115 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 95   |
| 2    |    |   | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 90   |
| 3    |    |   | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 70   |
| 4    |    |   | 1,3,8-p-Menthatriene           | 134 | C10H14  | 018368-95-1 | 70   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

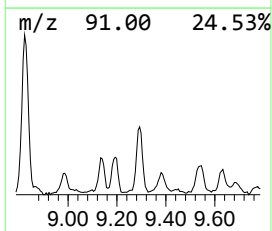
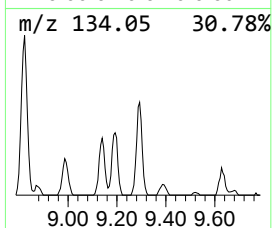
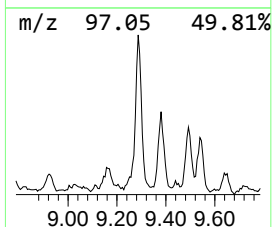
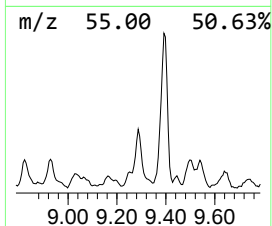
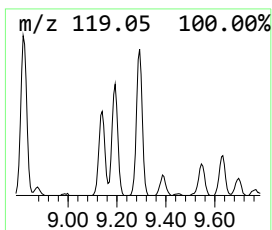
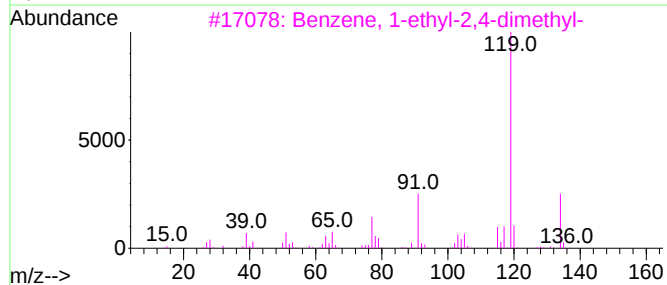
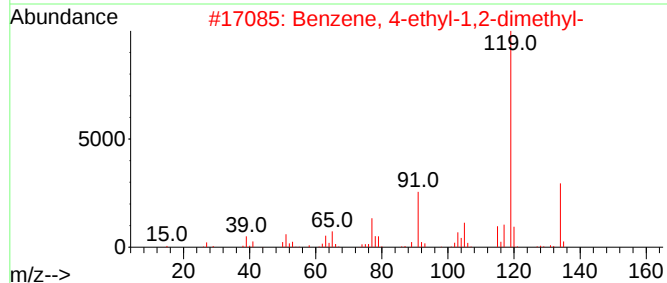
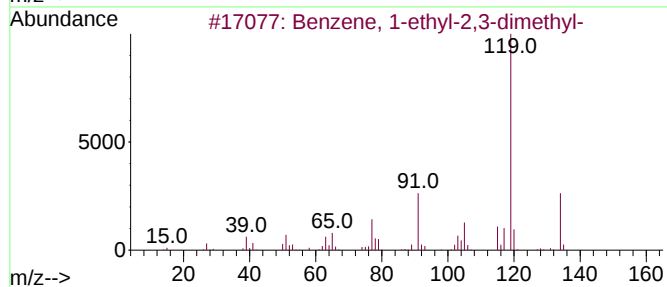
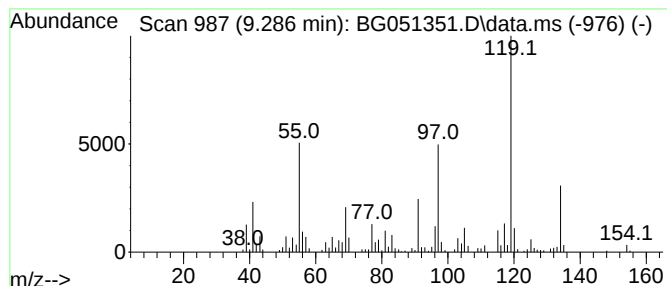
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 23

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 9.286 | 36.51 ng/ul | 354034 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 95   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 95   |
| 3    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 93   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 93   |
| 5    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

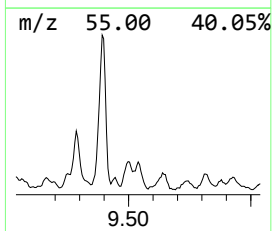
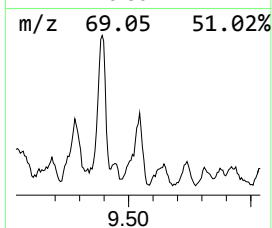
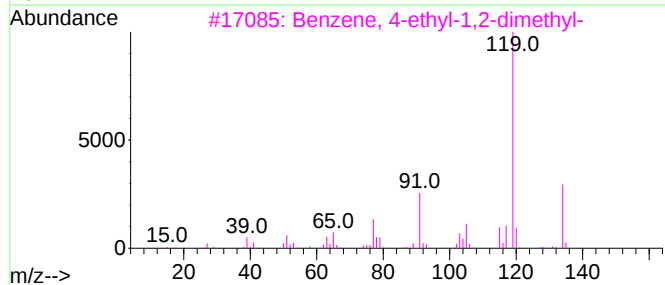
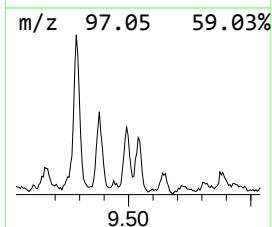
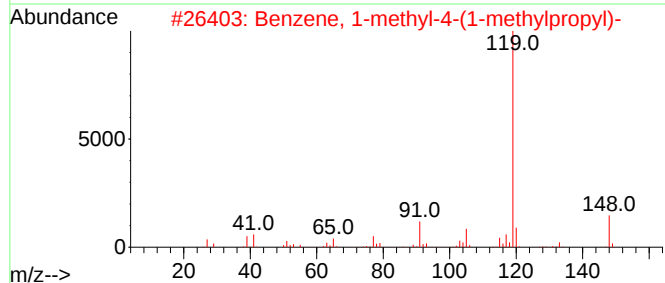
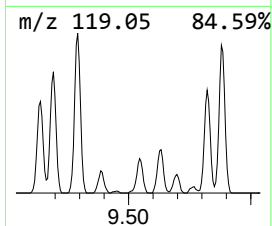
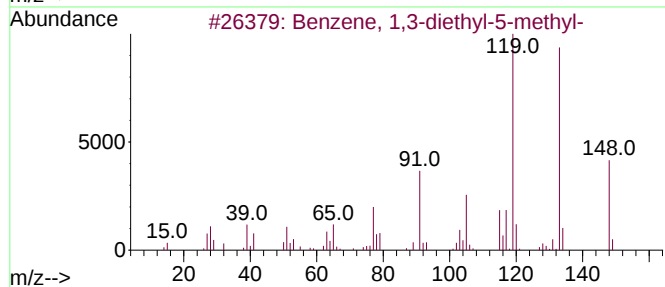
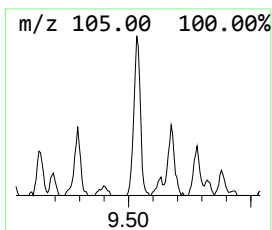
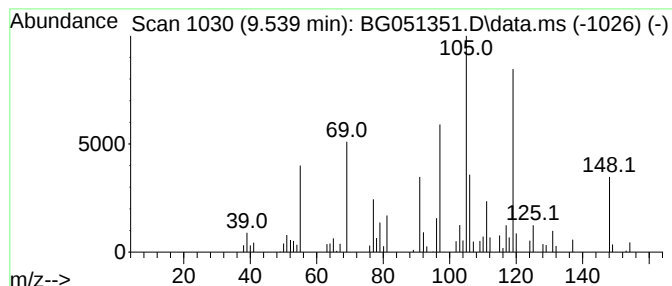
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 unknown-02 Concentration Rank 46

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 9.539 | 19.92 ng/ul | 193133 | 1,4-Dichlorobenzene-d4 | 8.194 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-diethyl-5-methyl-      | 148 | C11H16  | 002050-24-0 | 46   |
| 2    |    |   | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16  | 001595-16-0 | 38   |
| 3    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 35   |
| 4    |    |   | 3,4-Dihydro-2-[1H]quinoxalinone     | 148 | C8H8N2O | 059564-59-9 | 30   |
| 5    |    |   | 4-Methylphthalaldehyde              | 148 | C9H8O2  | 015158-36-8 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

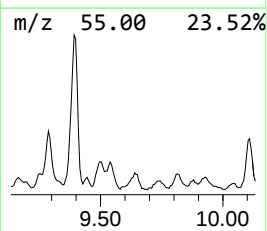
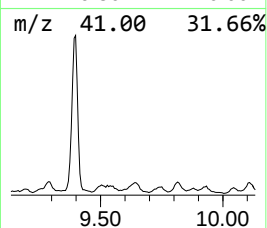
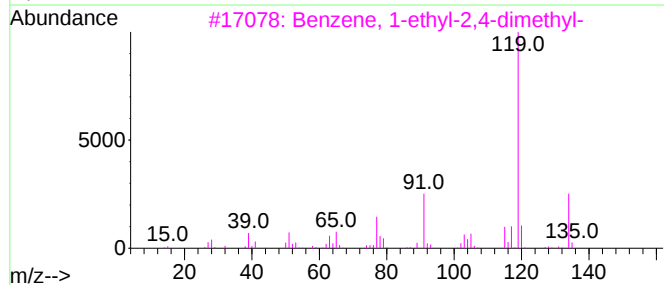
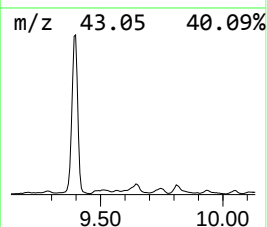
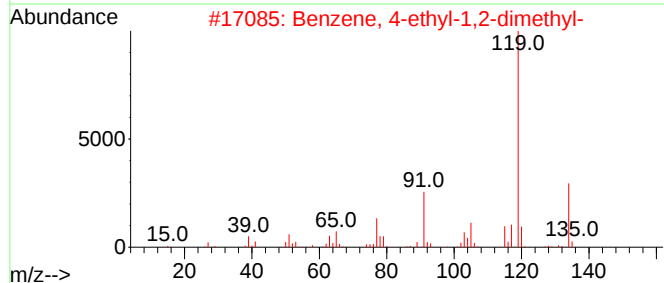
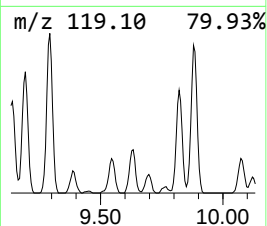
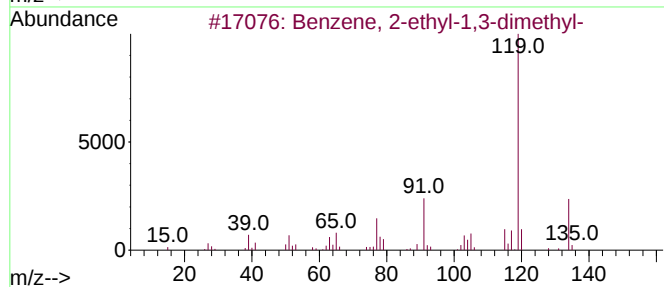
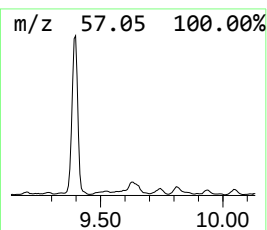
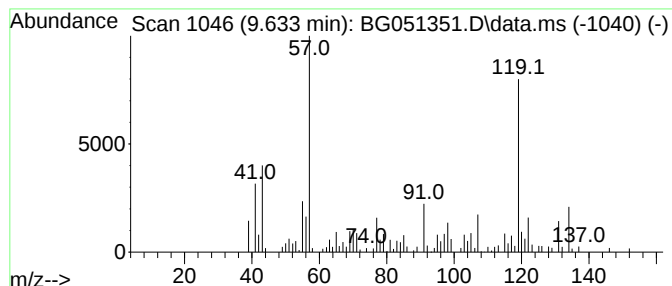
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Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 50

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.   |
|-------|-------------|--------|------------------|--------|
| 9.633 | 18.27 ng/ul | 267399 | Naphthalene-d8   | 11.025 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 91   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 91   |
| 3    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 90   |
| 4    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 90   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

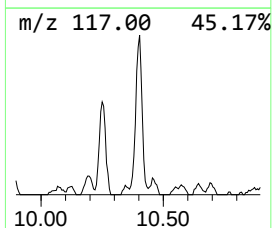
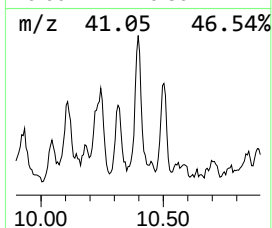
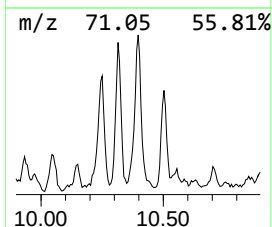
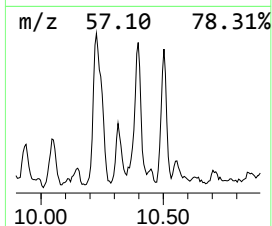
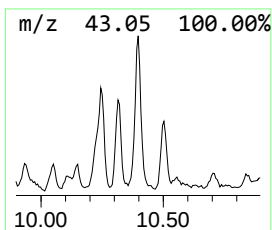
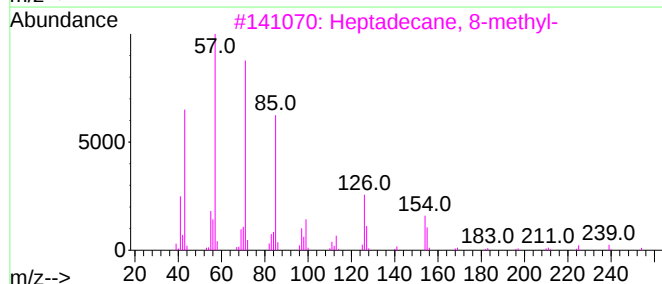
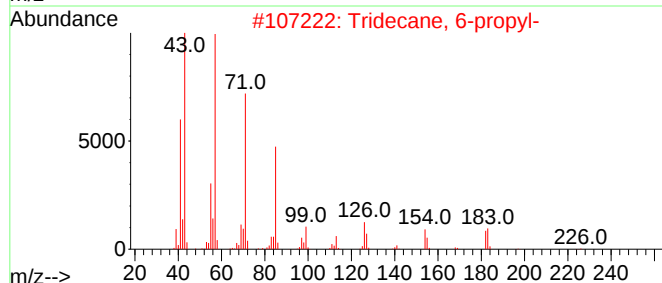
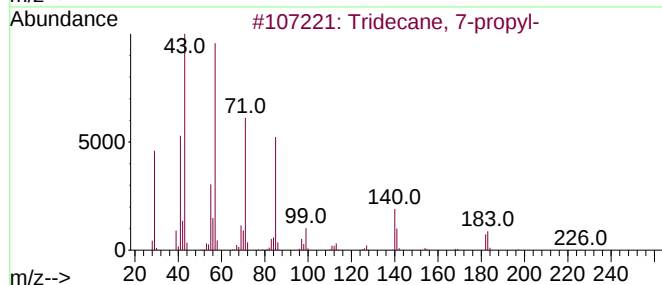
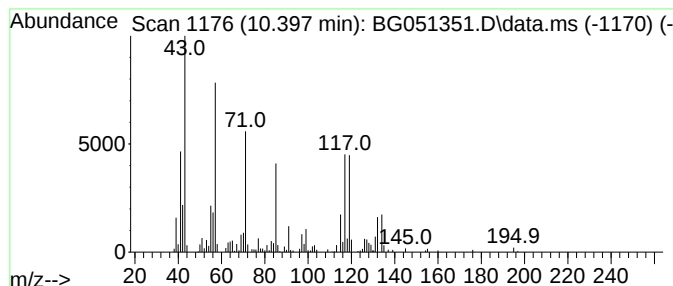
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 45

| R.T.      | EstConc                | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------|--------|------------------|-------------|------|
| 10.397    | 19.95 ng/ul            | 291927 | Naphthalene-d8   | 11.025      |      |
| Hit# of 5 | Tentative ID           | MW     | MolForm          | CAS#        | Qual |
| 1         | Tridecane, 7-propyl-   | 226    | C16H34           | 055045-09-5 | 38   |
| 2         | Tridecane, 6-propyl-   | 226    | C16H34           | 055045-10-8 | 38   |
| 3         | Heptadecane, 8-methyl- | 254    | C18H38           | 013287-23-5 | 38   |
| 4         | Tetracosane            | 338    | C24H50           | 000646-31-1 | 38   |
| 5         | Dodecane, 3-methyl-    | 184    | C13H28           | 017312-57-1 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

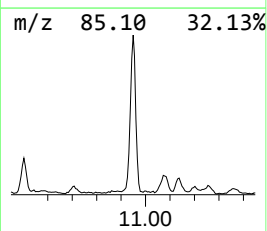
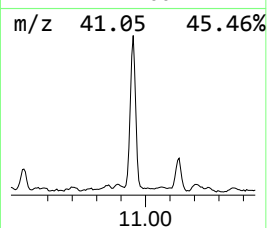
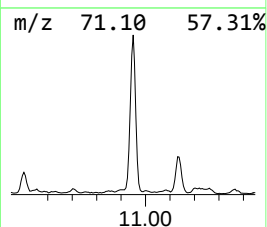
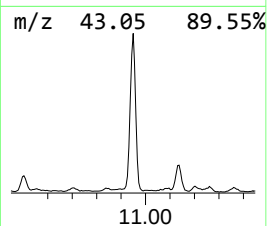
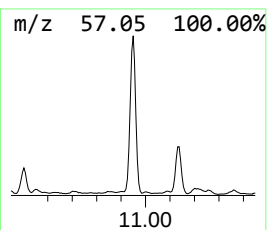
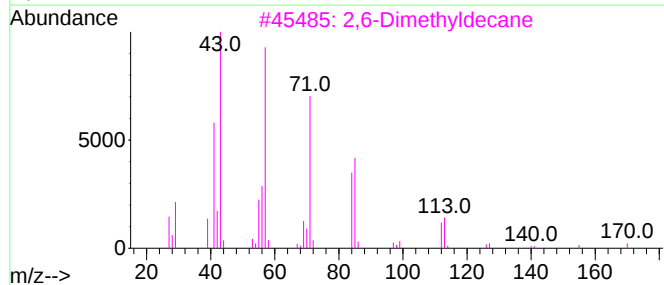
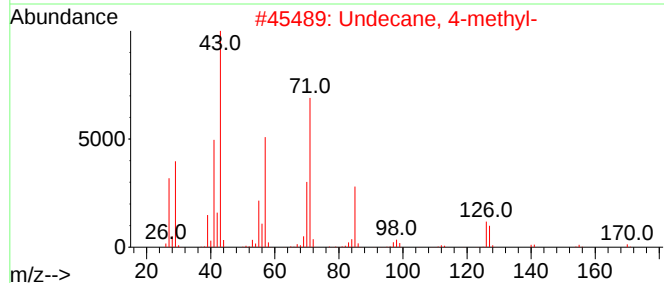
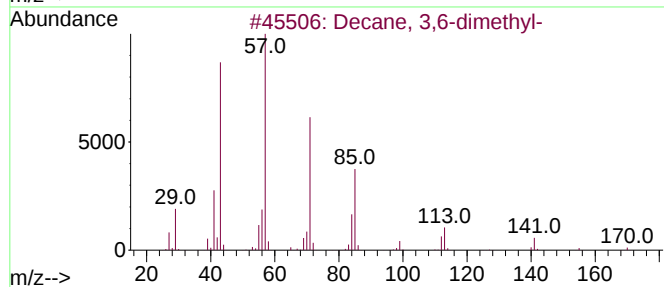
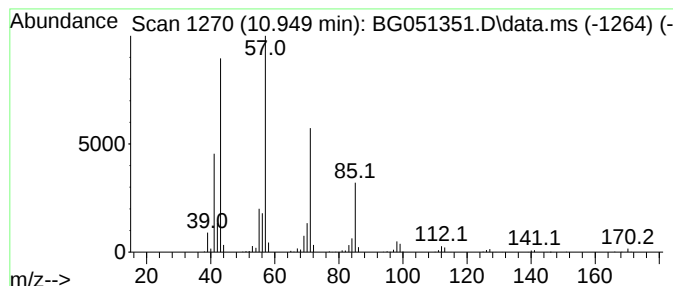
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 10.949 | 60.44 ng/ul | 884348 | Naphthalene-d8   | 11.025 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 3,6-dimethyl-    | 170 | C12H26  | 017312-53-7 | 86   |
| 2    |      | Undecane, 4-methyl-      | 170 | C12H26  | 002980-69-0 | 72   |
| 3    |      | 2,6-Dimethyldecane       | 170 | C12H26  | 013150-81-7 | 64   |
| 4    |      | Nonane                   | 128 | C9H20   | 000111-84-2 | 59   |
| 5    |      | Octane, 2,3,7-trimethyl- | 156 | C11H24  | 062016-34-6 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

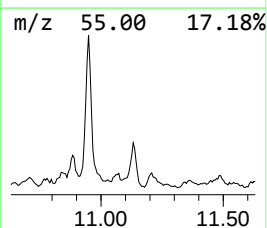
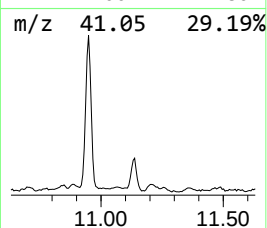
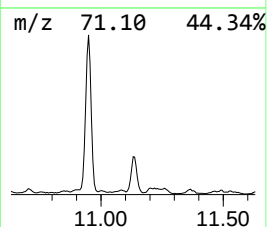
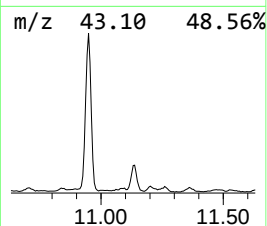
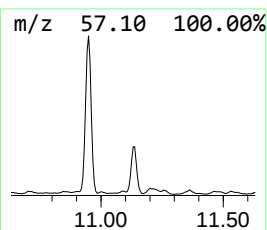
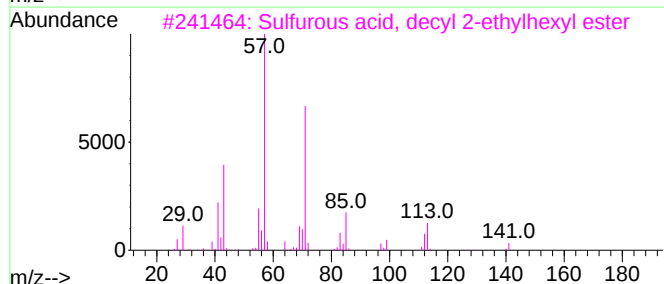
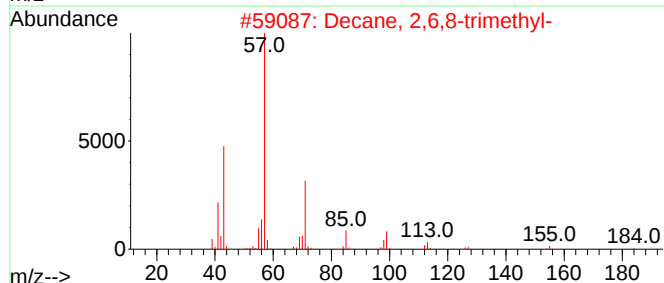
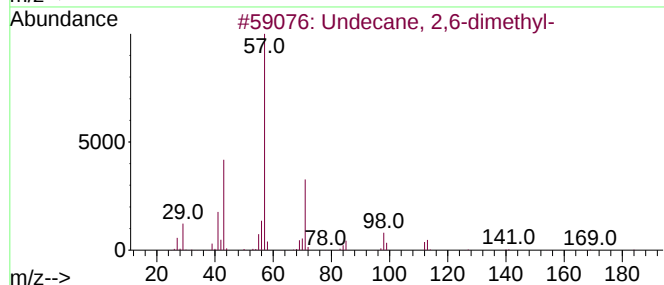
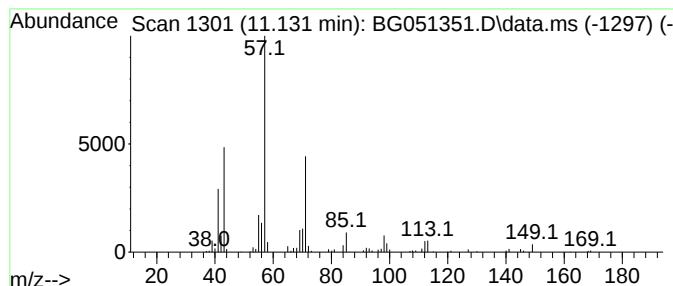
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TIC Integration Parameters: LSCINT.P

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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 59

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 11.131 | 15.73 ng/ul | 230143 | Naphthalene-d8   | 11.025 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 86   |
| 2    |      | Decane, 2,6,8-trimethyl-            | 184 | C13H28    | 062108-26-3  | 78   |
| 3    |      | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 78   |
| 4    |      | Undecane, 3,6-dimethyl-             | 184 | C13H28    | 017301-28-9  | 78   |
| 5    |      | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
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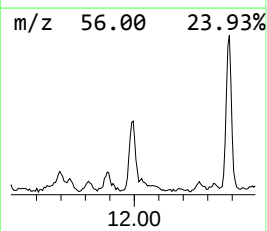
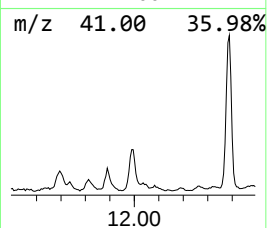
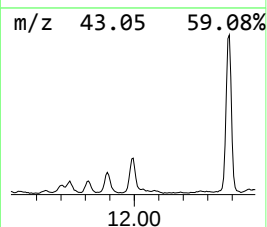
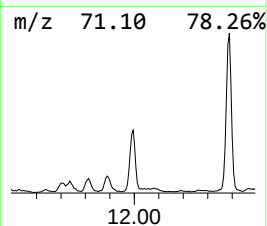
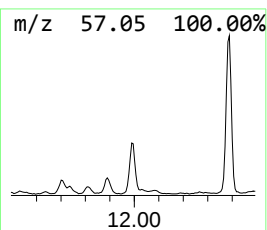
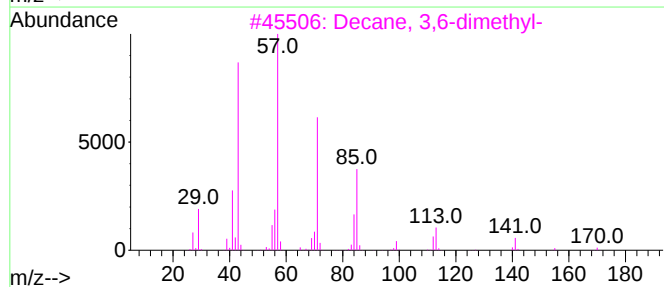
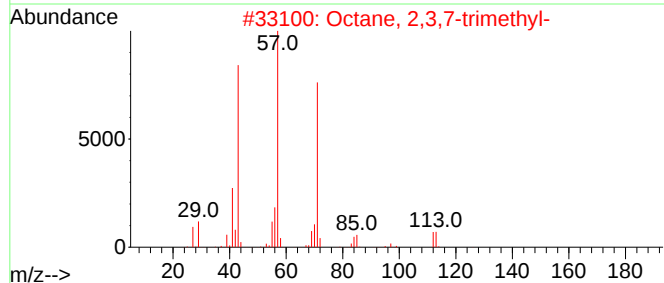
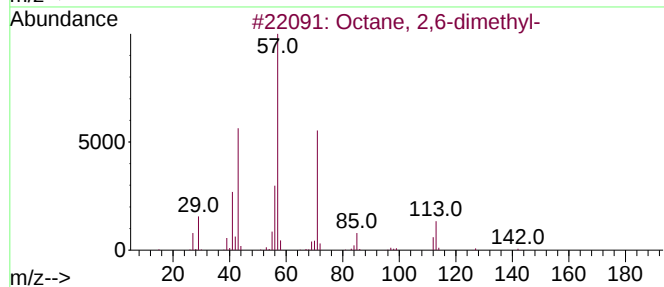
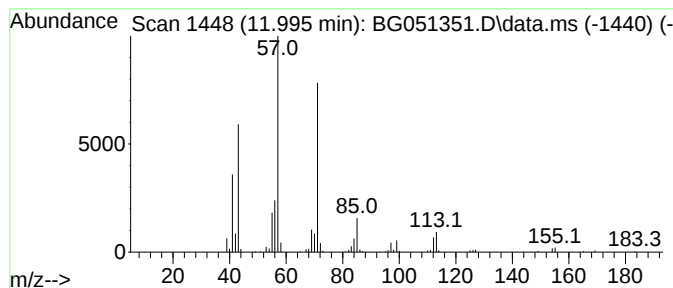
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TIC Integration Parameters: LSCINT.P

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Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 11.995 | 17.56 ng/ul | 256978 | Naphthalene-d8   | 11.025 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 90   |
| 2    |    |   | Octane, 2,3,7-trimethyl-            | 156 | C11H24    | 062016-34-6  | 72   |
| 3    |    |   | Decane, 3,6-dimethyl-               | 170 | C12H26    | 017312-53-7  | 64   |
| 4    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 64   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

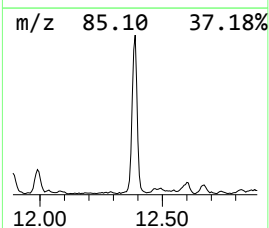
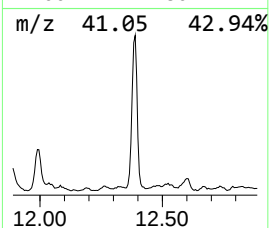
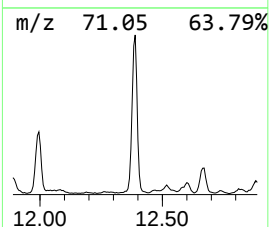
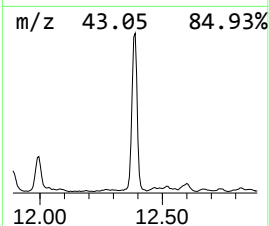
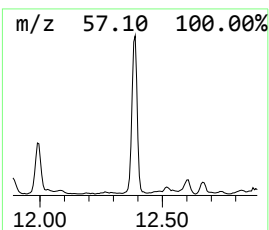
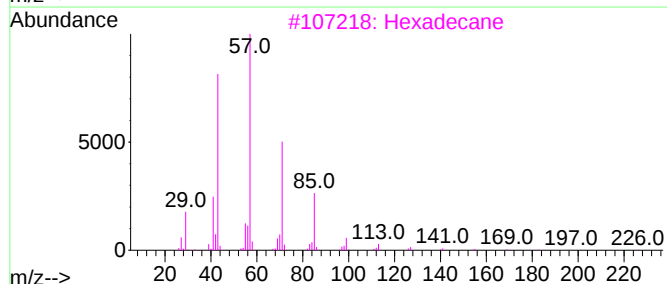
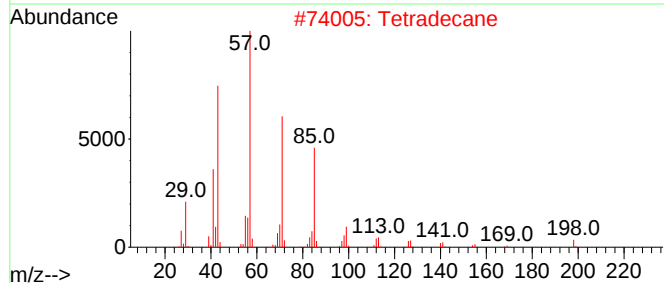
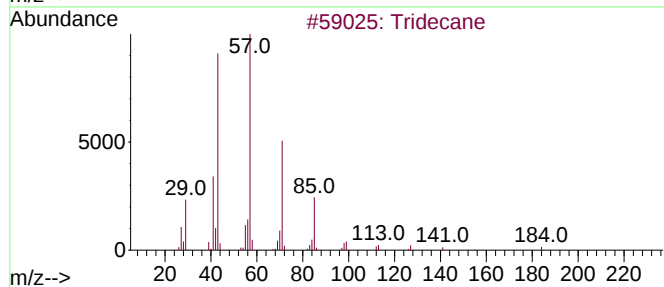
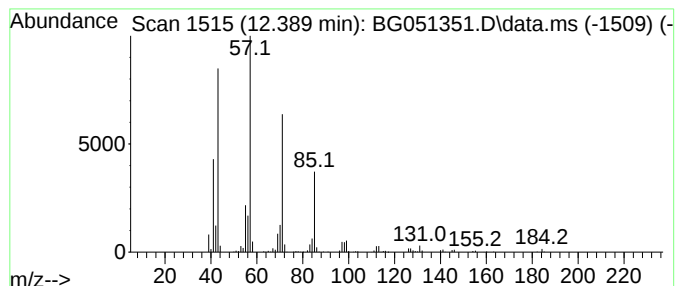
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.      | EstConc                 | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|--------|------------------|-------------|------|
| 12.389    | 53.15 ng/ul             | 777637 | Naphthalene-d8   | 11.025      |      |
| Hit# of 5 | Tentative ID            | MW     | MolForm          | CAS#        | Qual |
| 1         | Tridecane               | 184    | C13H28           | 000629-50-5 | 87   |
| 2         | Tetradecane             | 198    | C14H30           | 000629-59-4 | 86   |
| 3         | Hexadecane              | 226    | C16H34           | 000544-76-3 | 86   |
| 4         | Undecane, 6-ethyl-      | 184    | C13H28           | 017312-60-6 | 86   |
| 5         | Undecane, 2,6-dimethyl- | 184    | C13H28           | 017301-23-4 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

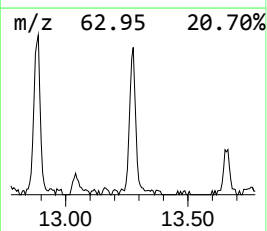
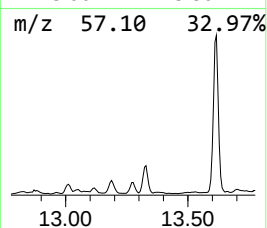
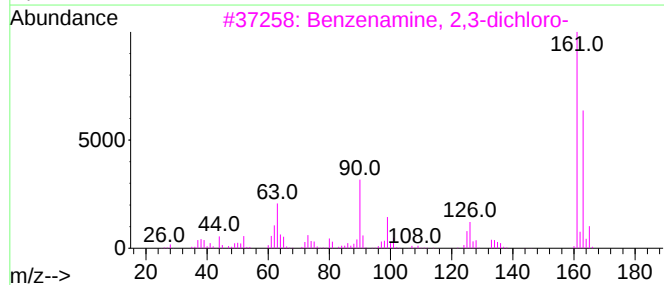
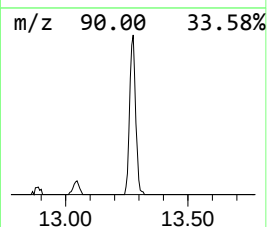
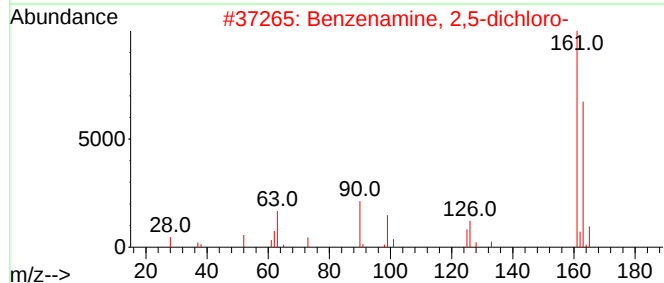
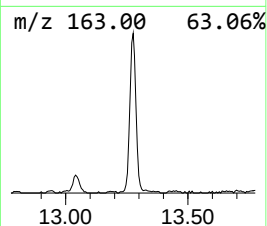
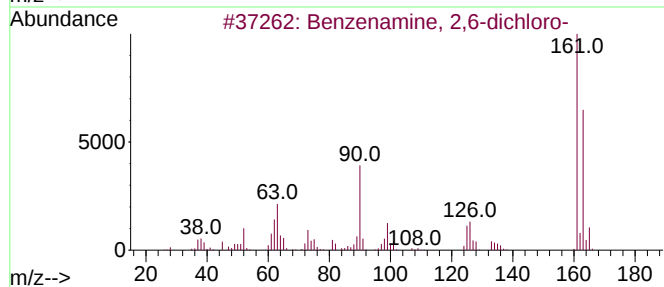
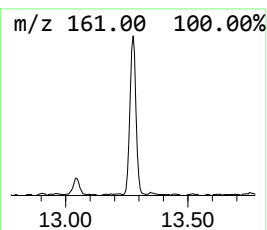
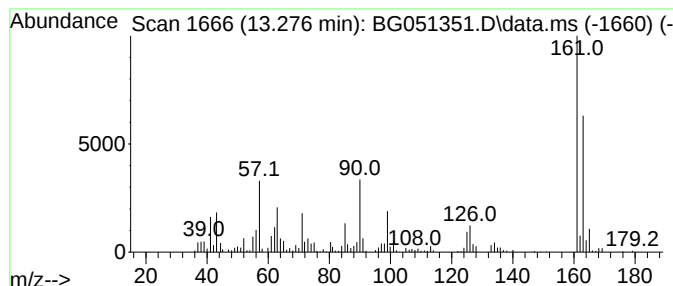
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 26 Benzenamine, 2,6-dichloro- Concentration Rank 48

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 13.276 | 18.61 ng/ul | 316992 | Acenaphthene-d10 | 14.827 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzenamine, 2,6-dichloro- | 161 | C6H5Cl2N | 000608-31-1 | 97   |
| 2    |    |   | Benzenamine, 2,5-dichloro- | 161 | C6H5Cl2N | 000095-82-9 | 97   |
| 3    |    |   | Benzenamine, 2,3-dichloro- | 161 | C6H5Cl2N | 000608-27-5 | 96   |
| 4    |    |   | Benzenamine, 2,6-dichloro- | 161 | C6H5Cl2N | 000608-31-1 | 95   |
| 5    |    |   | Benzenamine, 2,5-dichloro- | 161 | C6H5Cl2N | 000095-82-9 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

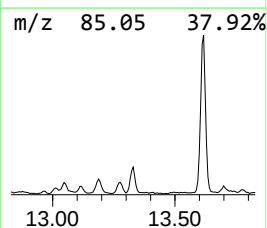
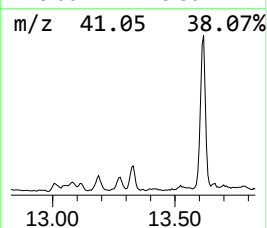
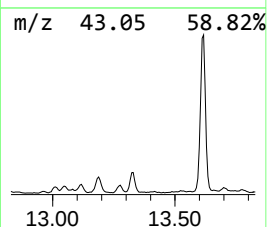
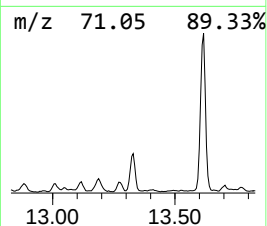
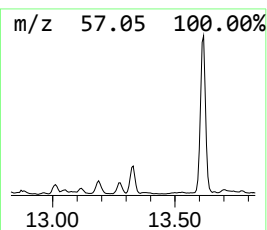
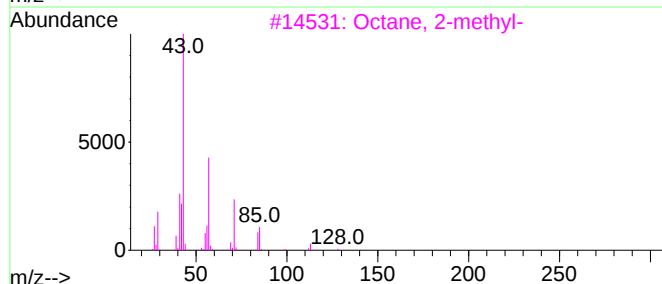
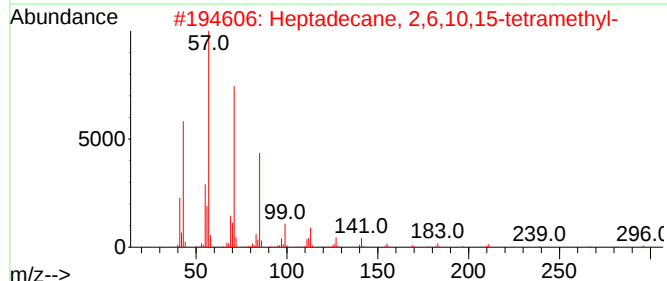
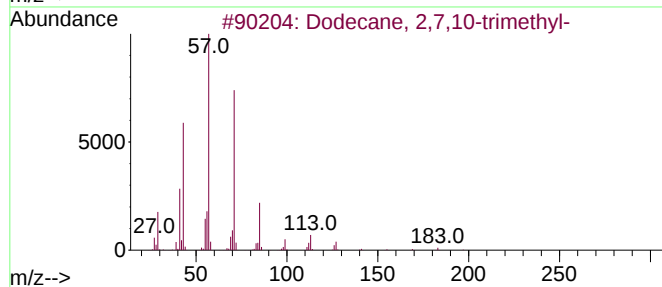
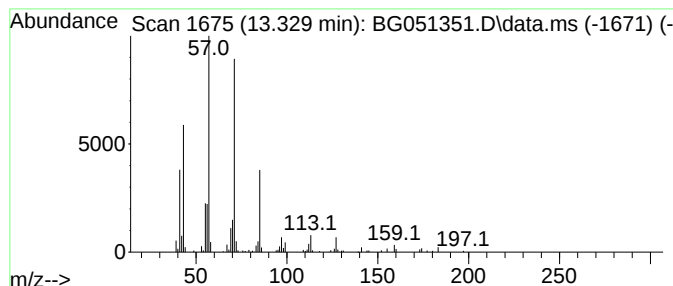
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 72

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 13.329 | 11.01 ng/ul | 187573 | Acenaphthene-d10 | 14.827 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32   | 074645-98-0  | 90   |
| 2    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 83   |
| 3    |    |   | Octane, 2-methyl-                   | 128 | C9H20    | 003221-61-2  | 80   |
| 4    |    |   | Nonane, 2-methyl-5-propyl-          | 184 | C13H28   | 031081-17-1  | 72   |
| 5    |    |   | Oxalic acid, 2-ethylhexyl hexyl ... | 286 | C16H30O4 | 1000309-38-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

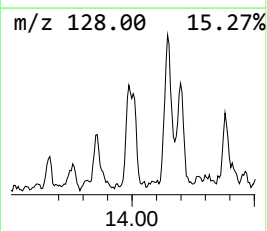
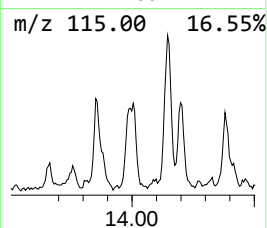
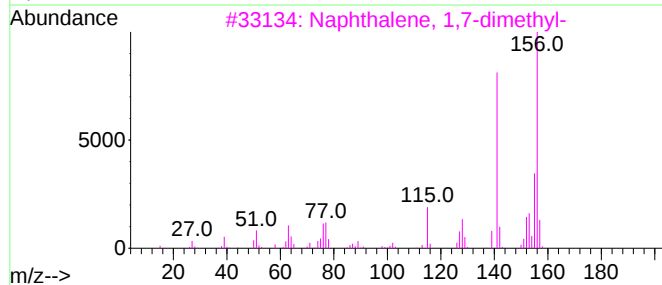
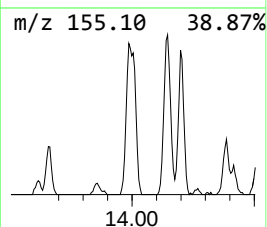
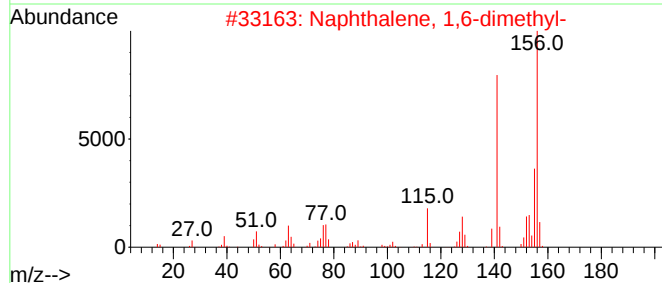
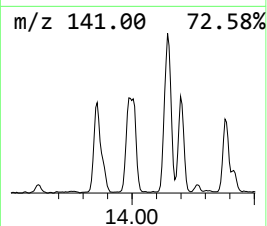
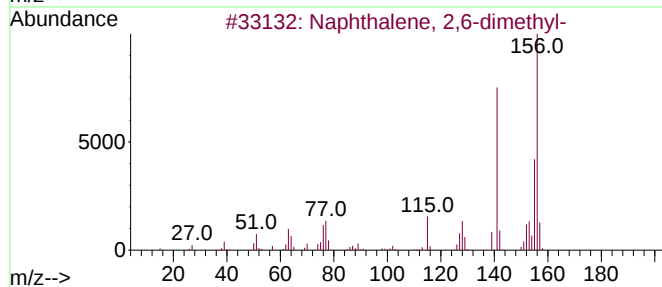
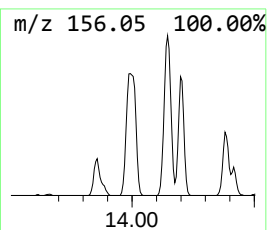
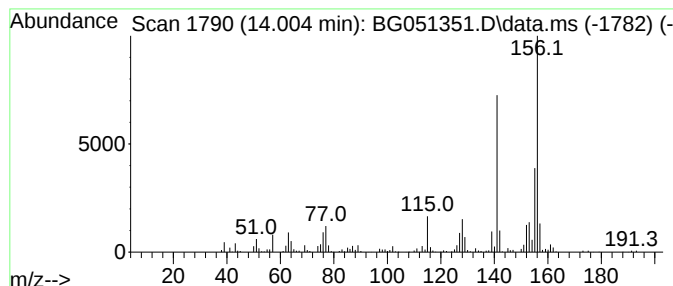
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 29 Naphthalene, 2,6-dimethyl- Concentration Rank 38

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 14.004 | 23.91 ng/ul | 407212 | Acenaphthene-d10 | 14.827 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 98   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 98   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

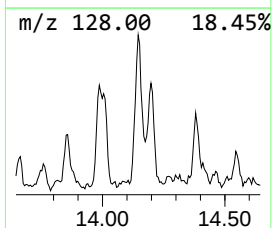
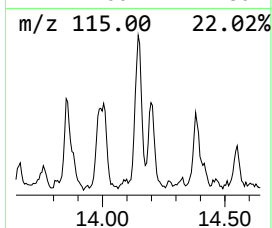
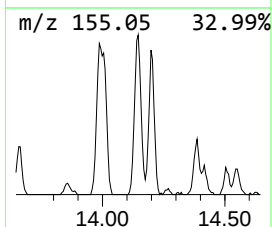
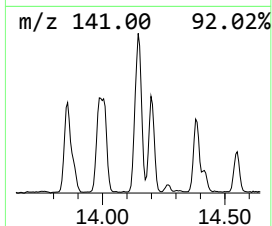
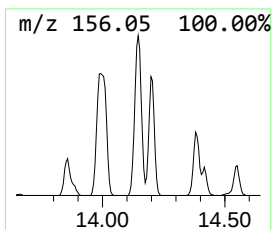
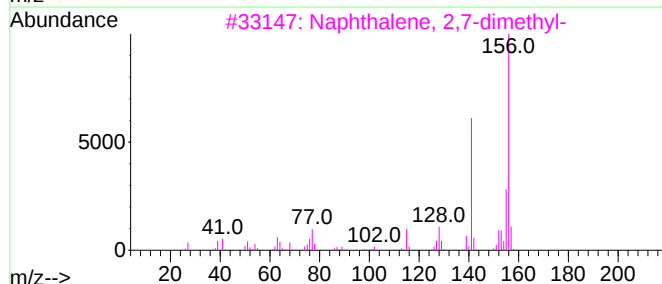
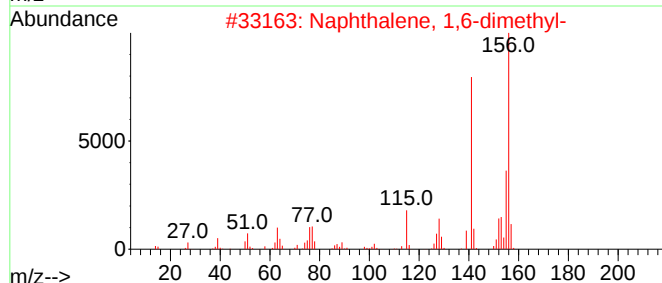
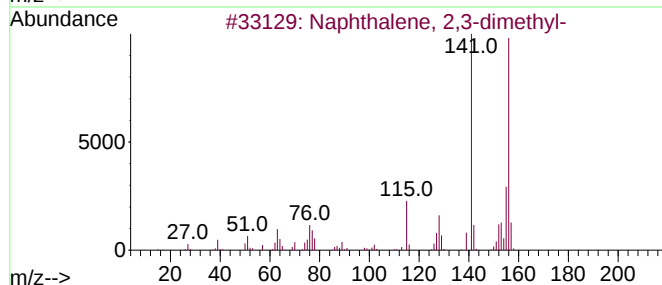
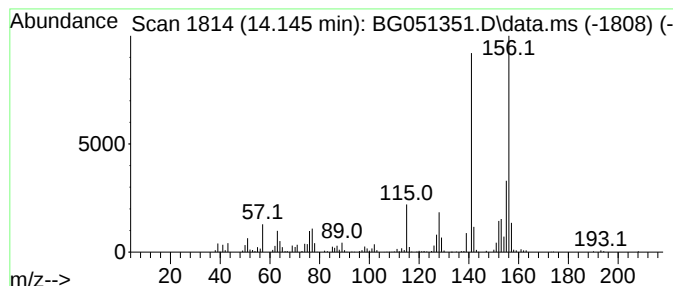
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 35

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 14.145 | 28.45 ng/ul | 484553 | Acenaphthene-d10 | 14.827 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 98   |
| 3    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 4    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

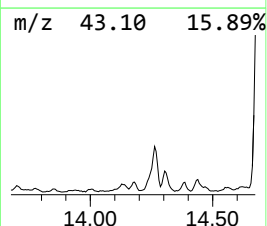
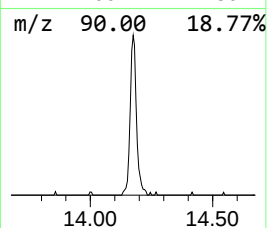
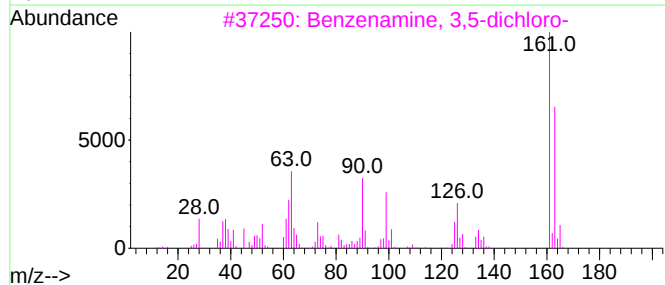
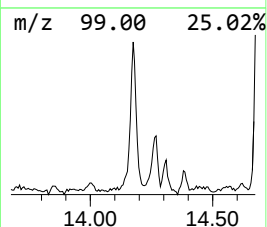
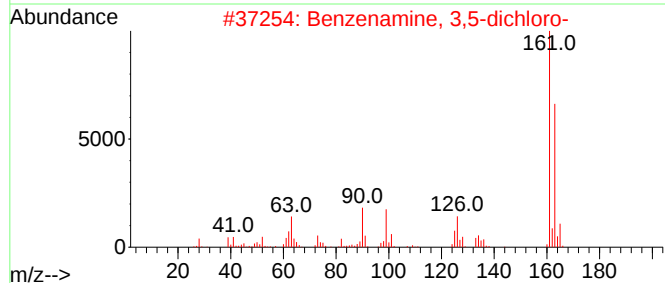
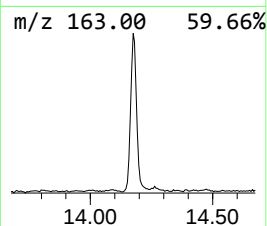
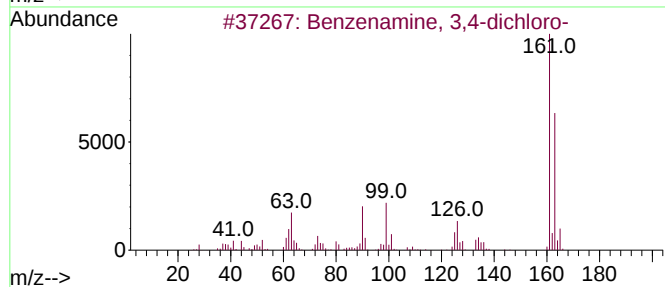
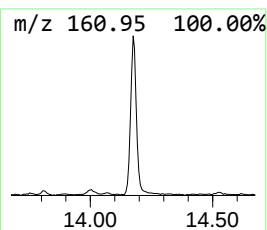
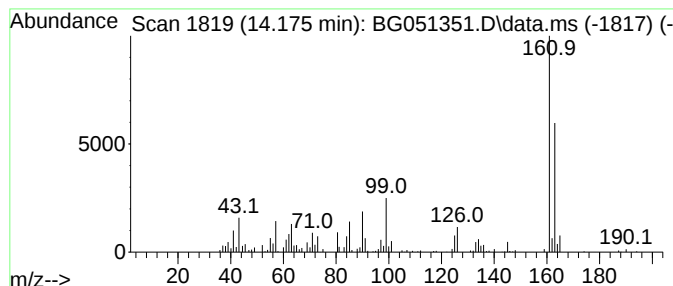
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 31 Benzenamine, 3,4-dichloro- Concentration Rank 30

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 14.175 | 31.10 ng/ul | 529639 | Acenaphthene-d10 | 14.827 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzenamine, 3,4-dichloro- | 161 | C6H5Cl2N | 000095-76-1 | 96   |
| 2    |    |   | Benzenamine, 3,5-dichloro- | 161 | C6H5Cl2N | 000626-43-7 | 95   |
| 3    |    |   | Benzenamine, 3,5-dichloro- | 161 | C6H5Cl2N | 000626-43-7 | 95   |
| 4    |    |   | Benzenamine, 3,5-dichloro- | 161 | C6H5Cl2N | 000626-43-7 | 94   |
| 5    |    |   | Benzenamine, 2,4-dichloro- | 161 | C6H5Cl2N | 000554-00-7 | 94   |



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Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

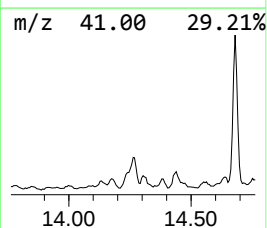
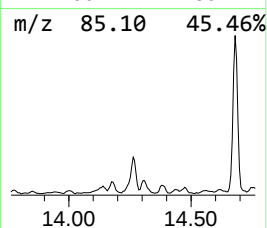
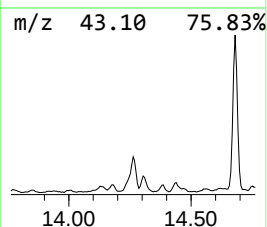
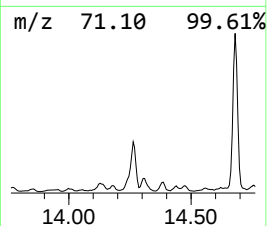
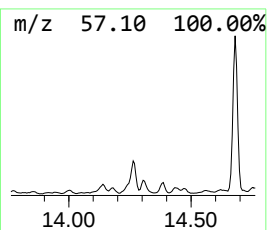
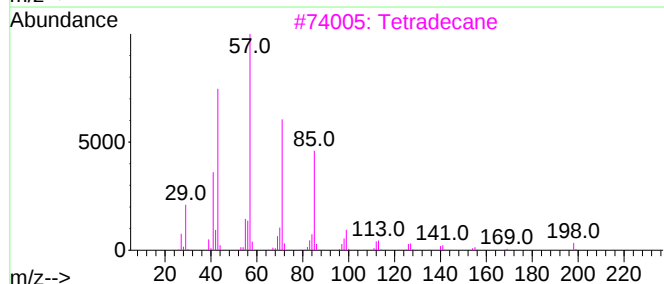
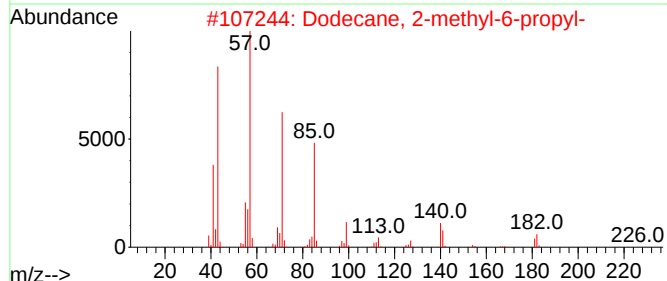
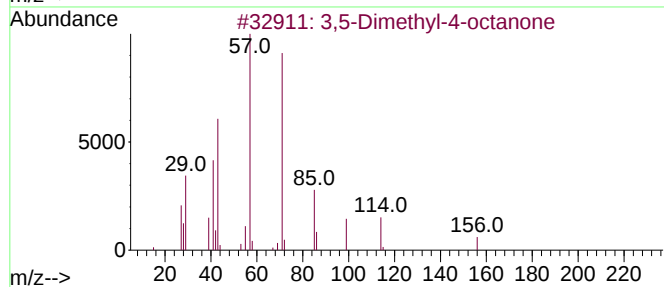
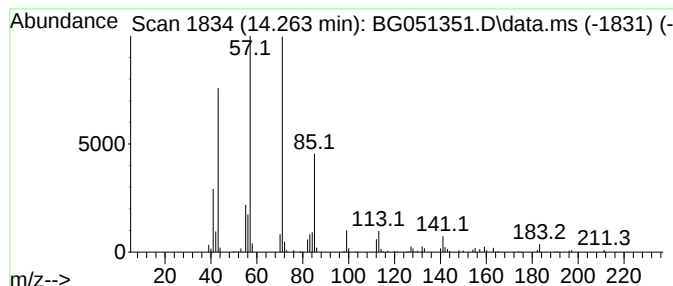
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 32 3,5-Dimethyl-4-octanone Concentration Rank 51

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.263    | 18.18 ng/ul                         | 309665 | Acenaphthene-d10 | 14.827       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 3,5-Dimethyl-4-octanone             | 156    | C10H20O          | 007335-17-3  | 53   |
| 2         | Dodecane, 2-methyl-6-propyl-        | 226    | C16H34           | 055045-08-4  | 53   |
| 3         | Tetradecane                         | 198    | C14H30           | 000629-59-4  | 53   |
| 4         | Nonane, 5-(2-methylpropyl)-         | 184    | C13H28           | 062185-53-9  | 53   |
| 5         | Sulfurous acid, 2-ethylhexyl pen... | 264    | C13H28O3S        | 1000309-18-9 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

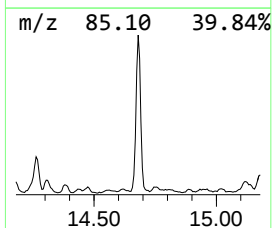
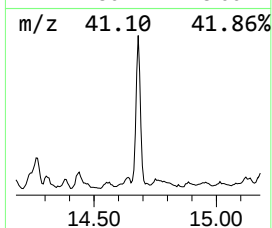
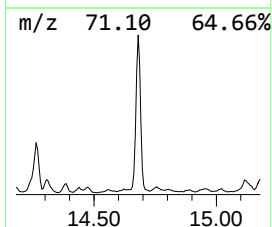
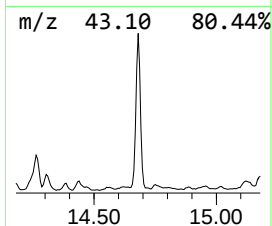
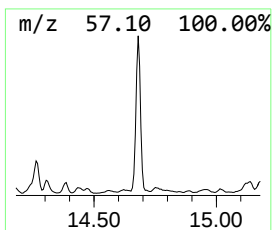
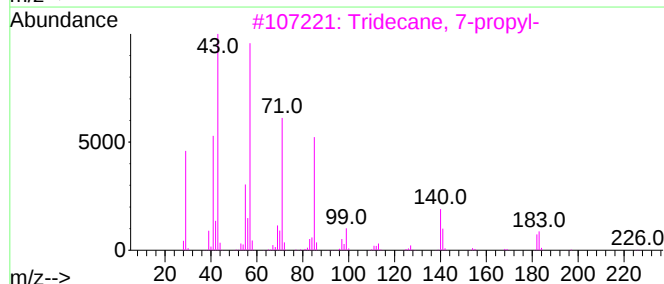
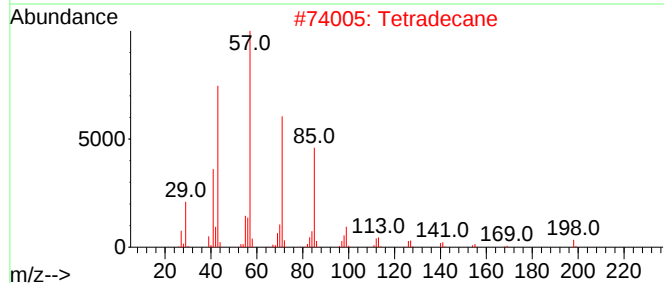
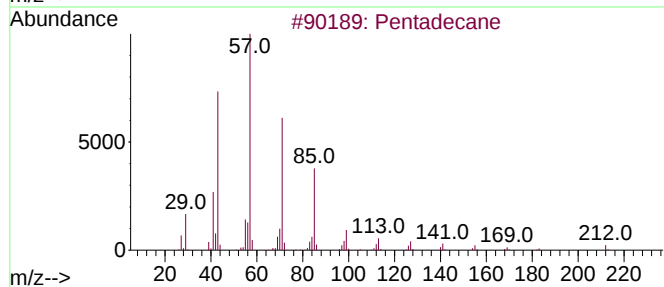
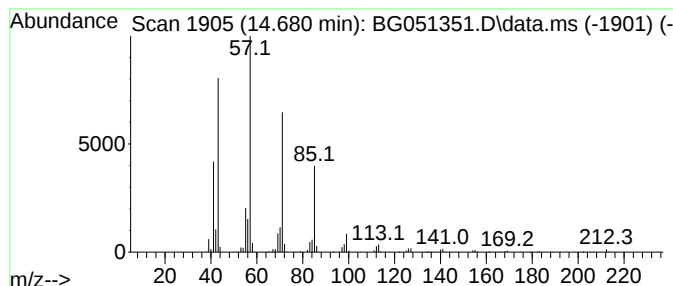
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.      | EstConc              | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------|--------|------------------|---------|-------------|------|
| 14.680    | 53.11 ng/ul          | 904495 | Acenaphthene-d10 |         | 14.827      |      |
| Hit# of 5 | Tentative ID         |        | MW               | MolForm | CAS#        | Qual |
| 1         | Pentadecane          |        | 212              | C15H32  | 000629-62-9 | 91   |
| 2         | Tetradecane          |        | 198              | C14H30  | 000629-59-4 | 90   |
| 3         | Tridecane, 7-propyl- |        | 226              | C16H34  | 055045-09-5 | 86   |
| 4         | Octacosane           |        | 394              | C28H58  | 000630-02-4 | 78   |
| 5         | Tetradecane          |        | 198              | C14H30  | 000629-59-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

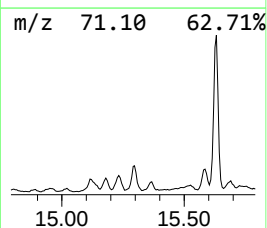
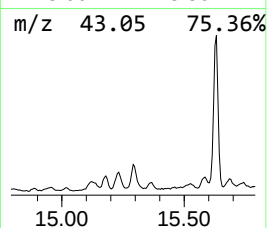
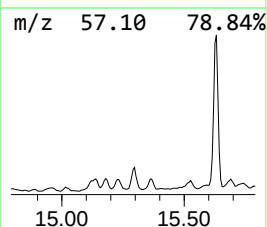
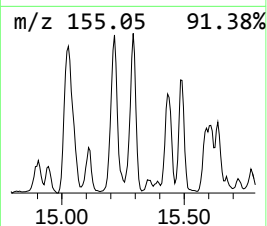
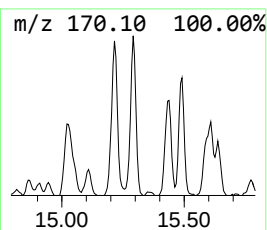
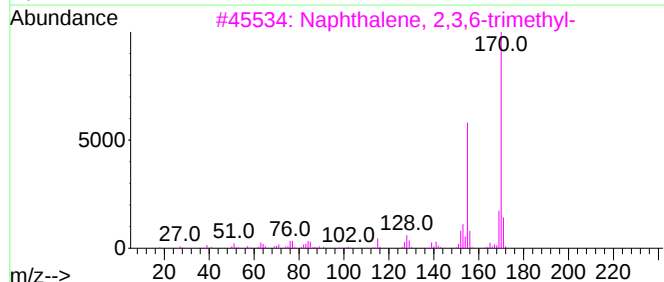
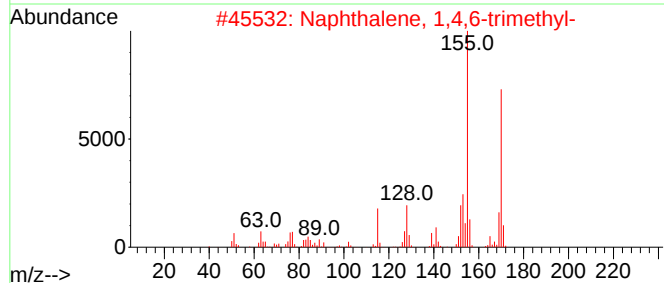
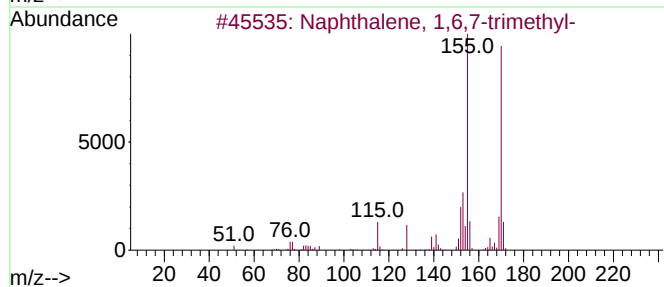
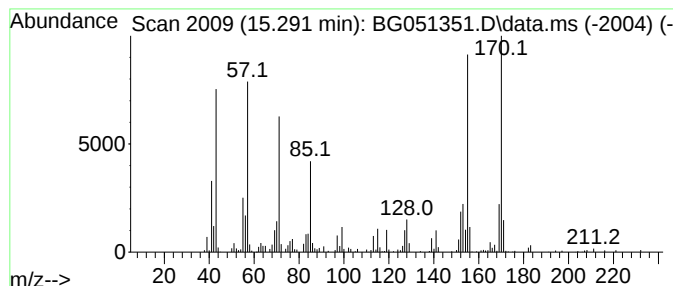
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 37 Naphthalene, 1,6,7-trimethyl- Concentration Rank 43

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 15.291 | 20.19 ng/ul | 343844 | Acenaphthene-d10 | 14.827 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 96   |
| 2    |    |   | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 95   |
| 3    |    |   | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 94   |
| 4    |    |   | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 93   |
| 5    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

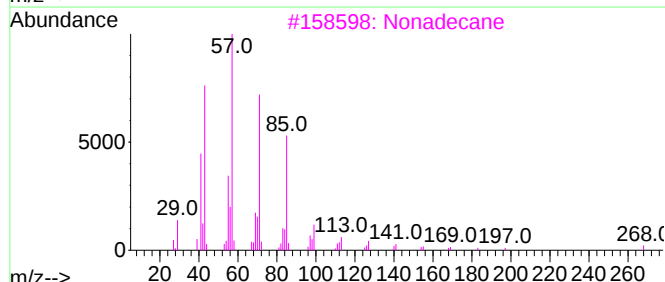
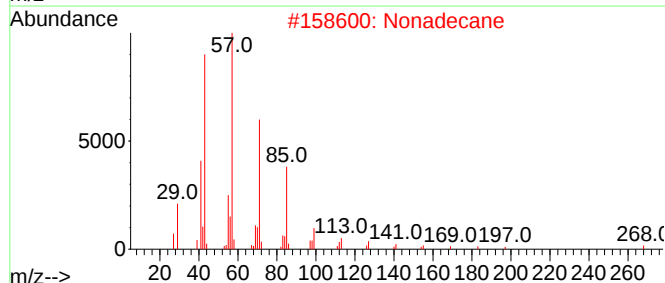
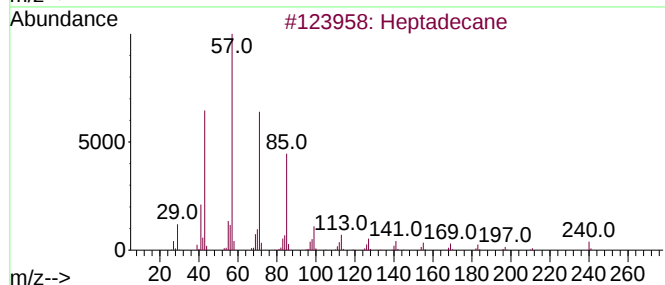
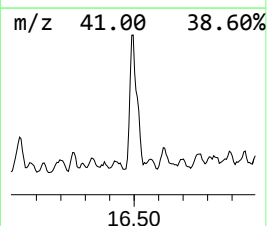
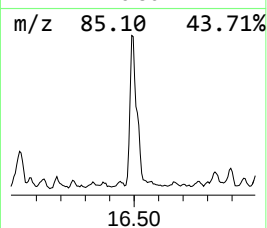
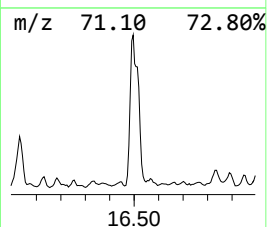
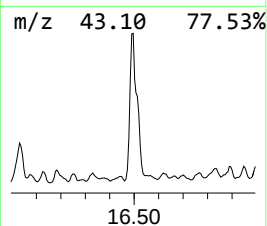
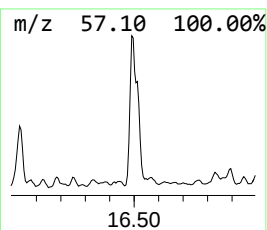
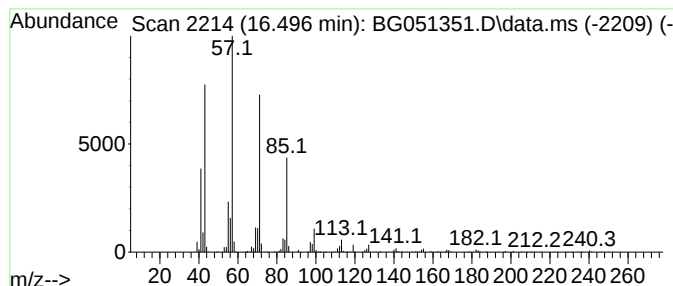
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 16.496 | 78.26 ng/ul | 1550930 | Phenanthrene-d10 | 17.583 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 95   |
| 2    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 4    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

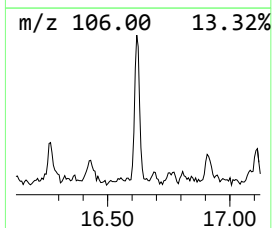
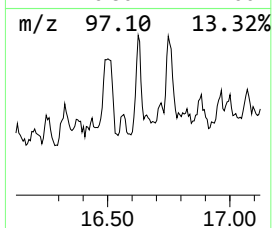
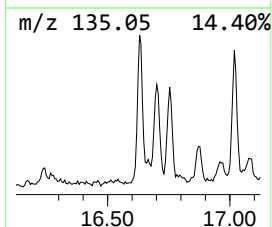
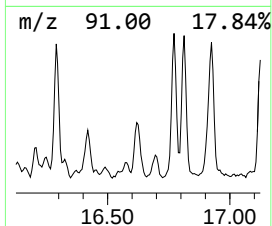
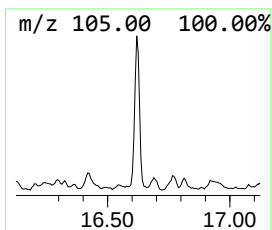
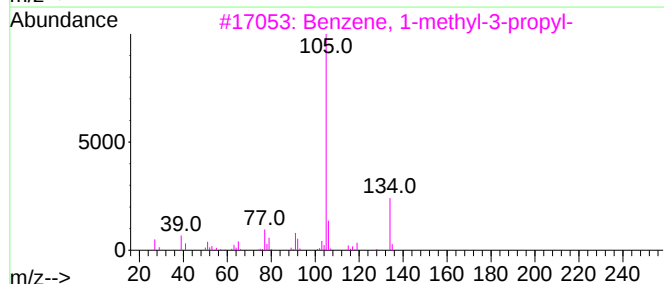
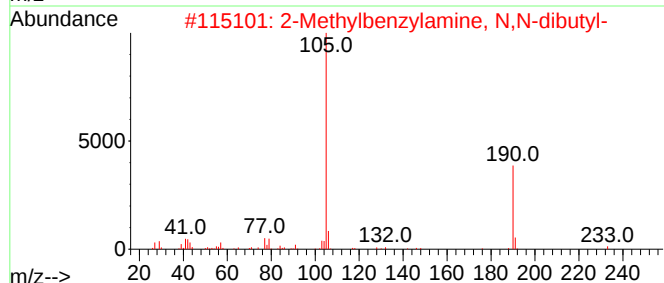
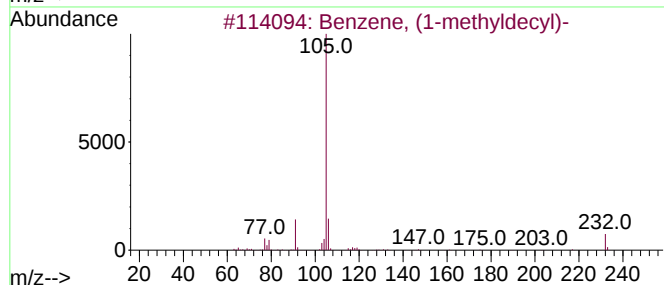
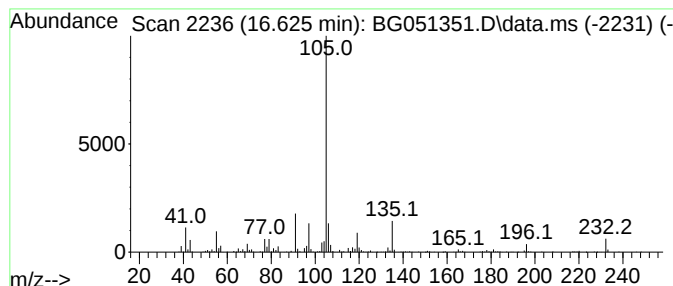
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 41 Benzene, (1-methyldecyl)- Concentration Rank 53

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 16.625 | 17.60 ng/ul | 348821 | Phenanthrene-d10 | 17.583 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzene, (1-methyldecyl)-         | 232 | C17H28  | 004536-88-3  | 60   |
| 2    |    |   | 2-Methylbenzylamine, N,N-dibutyl- | 233 | C16H27N | 1000310-39-6 | 46   |
| 3    |    |   | Benzene, 1-methyl-3-propyl-       | 134 | C10H14  | 001074-43-7  | 43   |
| 4    |    |   | 3-Methylbenzylamine, N,N-dibutyl- | 233 | C16H27N | 1000310-40-5 | 43   |
| 5    |    |   | Benzene, (1-methylhexyl)-         | 176 | C13H20  | 002132-84-5  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

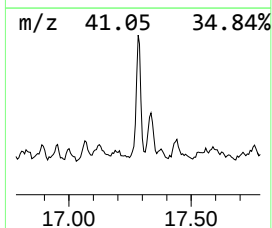
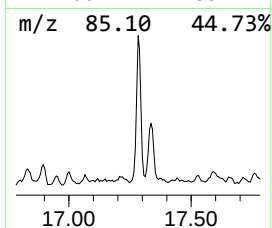
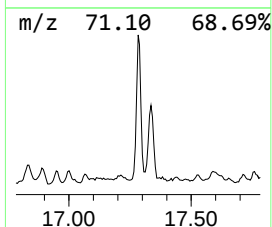
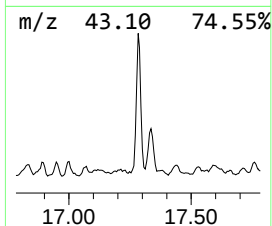
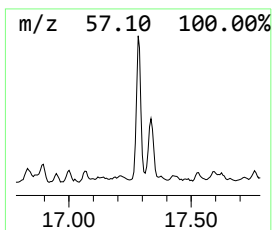
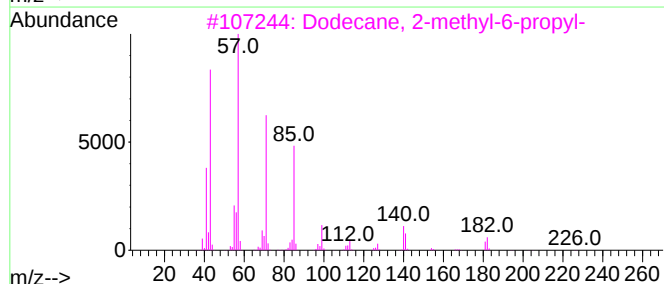
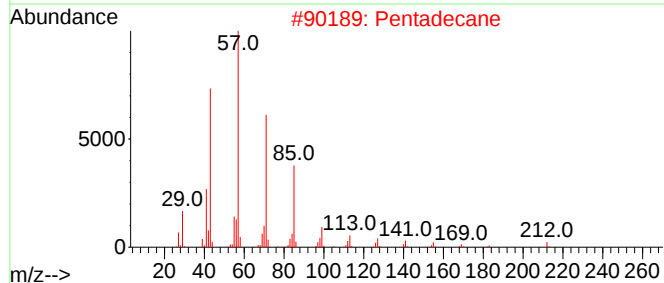
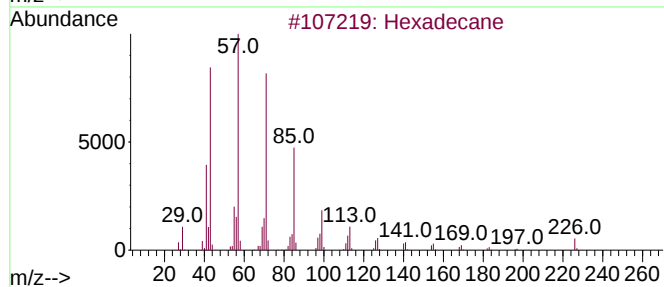
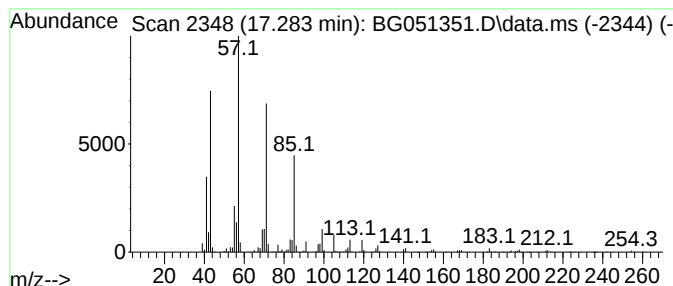
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 17.283 | 35.25 ng/ul | 698547 | Phenanthrene-d10 | 17.583 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 93   |
| 2    |    |   | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 93   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 90   |
| 4    |    |   | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 89   |
| 5    |    |   | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

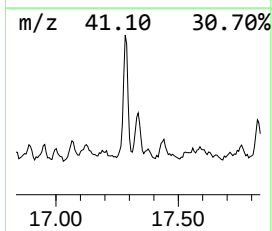
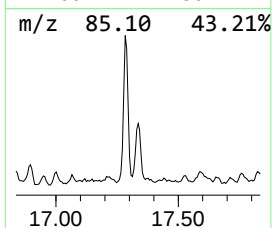
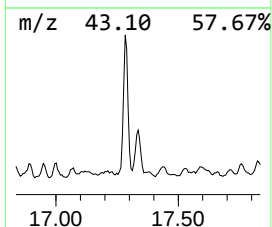
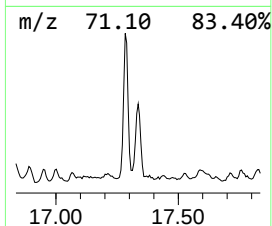
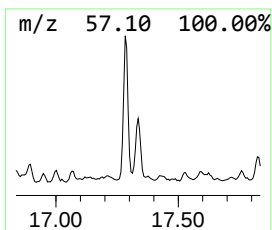
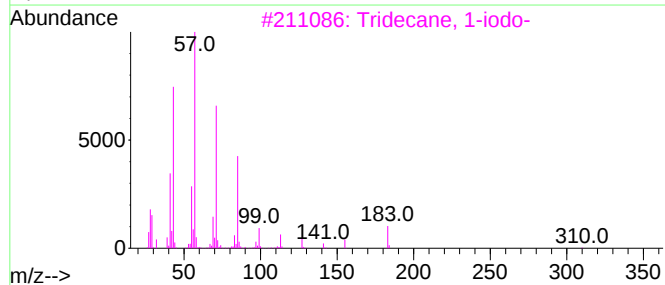
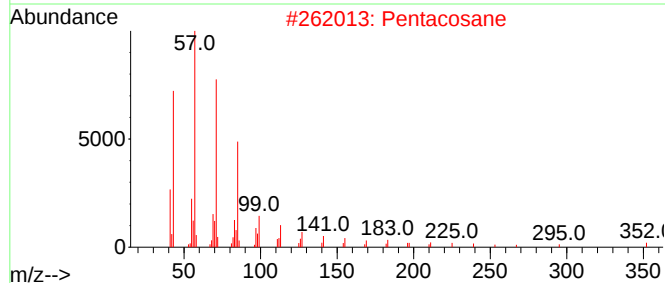
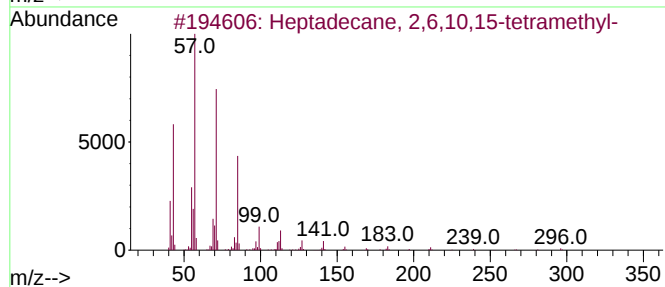
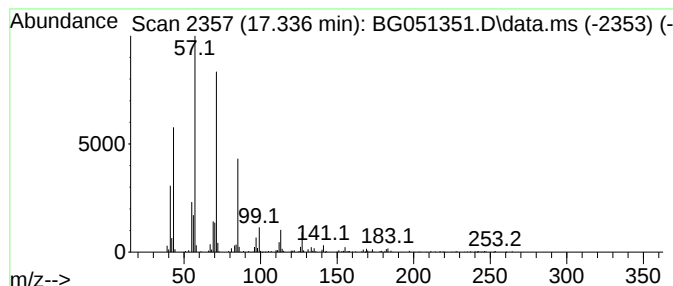
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 17.336 | 16.27 ng/ul | 322329 | Phenanthrene-d10 | 17.583 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 91   |
| 2    |    |   | Pentacosane                         | 352 | C25H52  | 000629-99-2 | 90   |
| 3    |    |   | Tridecane, 1-iodo-                  | 310 | C13H27I | 035599-77-0 | 90   |
| 4    |    |   | Tetradecane, 1-iodo-                | 324 | C14H29I | 019218-94-1 | 86   |
| 5    |    |   | Undecane, 2-methyl-                 | 170 | C12H26  | 007045-71-8 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

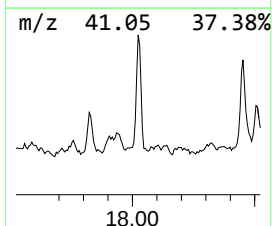
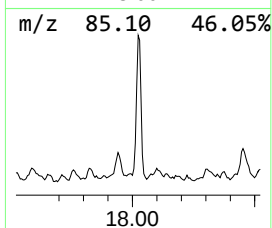
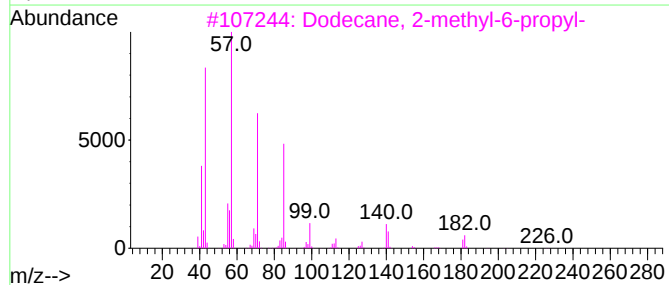
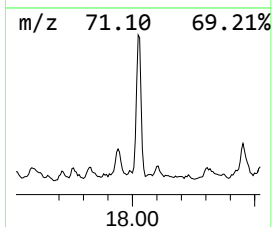
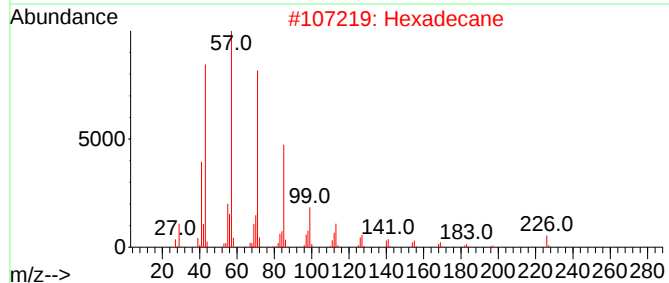
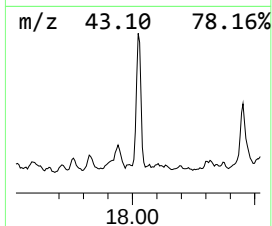
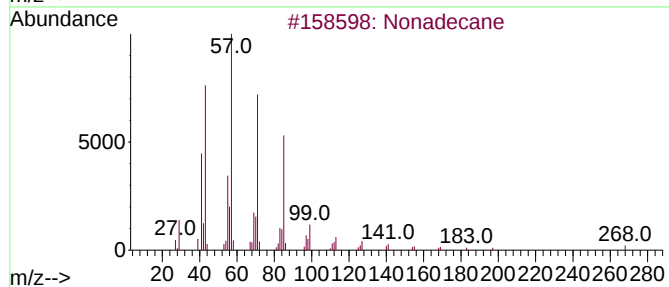
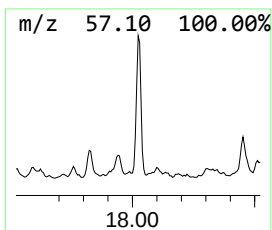
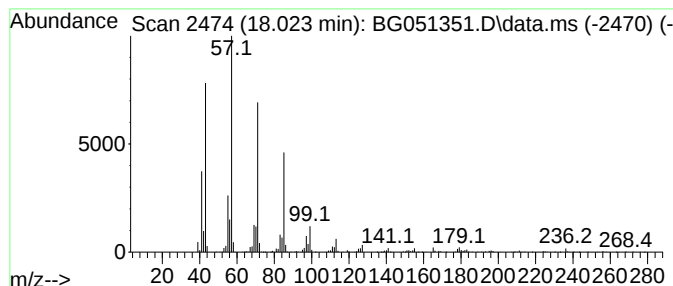
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Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.023 | 35.12 ng/ul | 695918 | Phenanthrene-d10 | 17.583 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 98   |
| 2    |      | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 94   |
| 3    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 93   |
| 4    |      | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 91   |
| 5    |      | 10-Methylnonadecane          | 282 | C20H42  | 056862-62-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

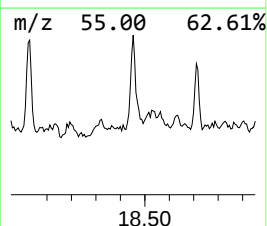
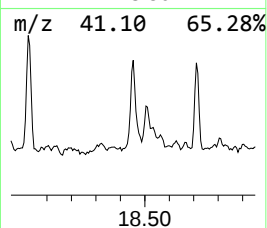
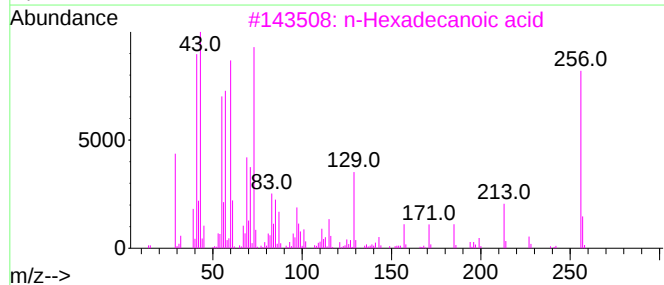
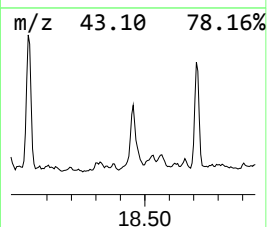
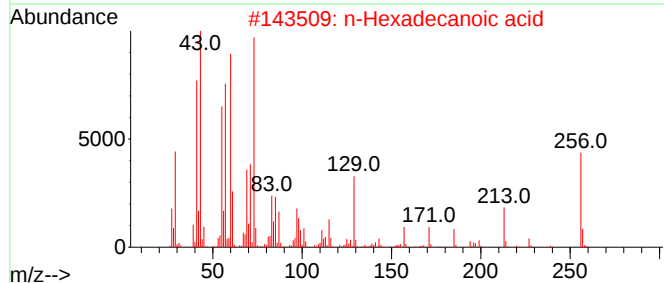
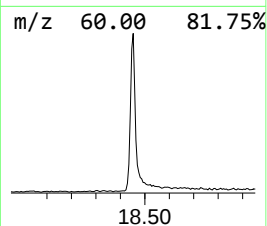
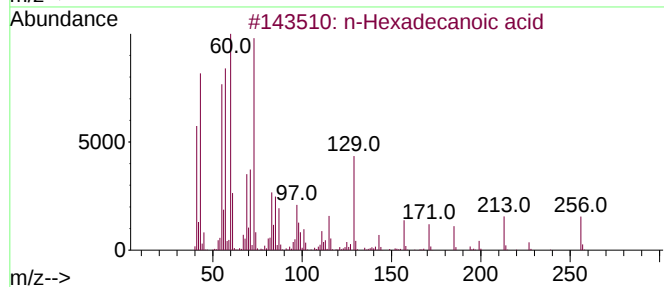
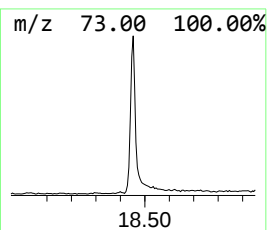
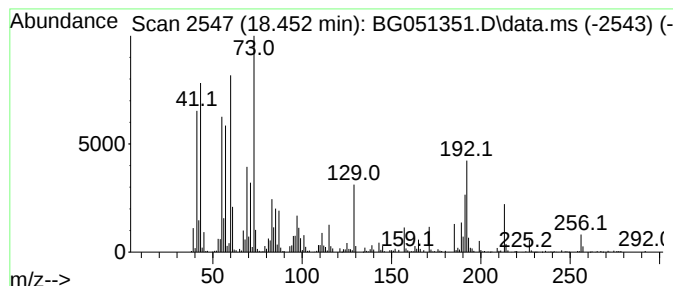
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 48 n-Hexadecanoic acid Concentration Rank 26

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.452 | 34.13 ng/ul | 676355 | Phenanthrene-d10 | 17.583 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

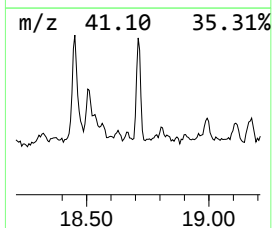
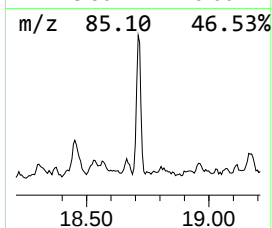
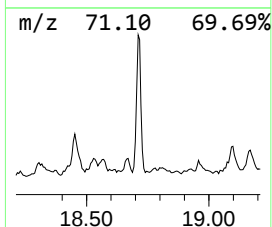
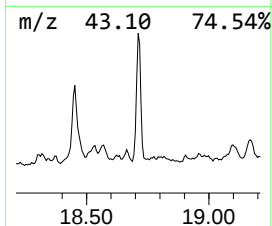
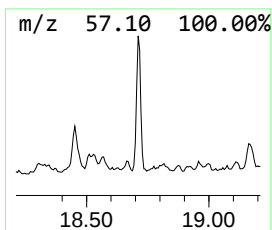
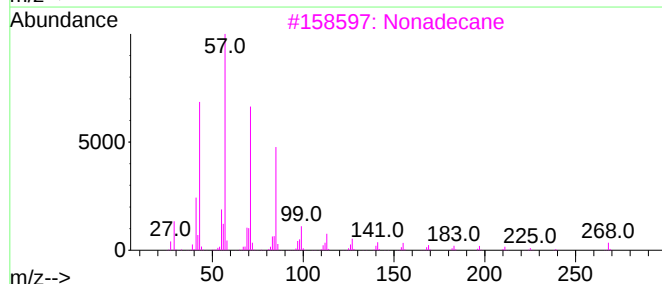
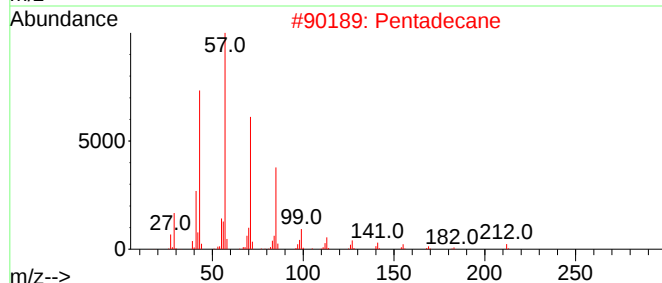
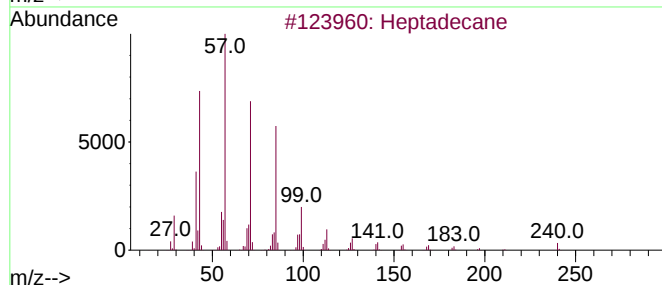
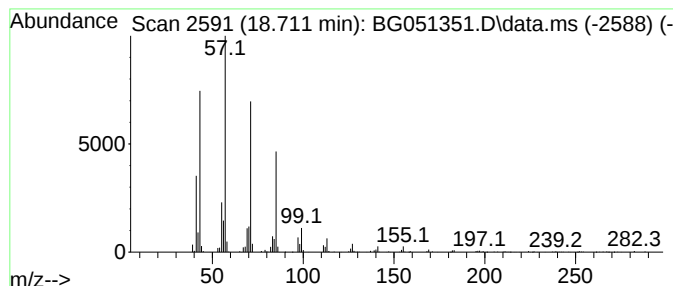
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.711 | 22.01 ng/ul | 436117 | Phenanthrene-d10 | 17.583 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 95   |
| 2    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 91   |
| 3    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 4    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

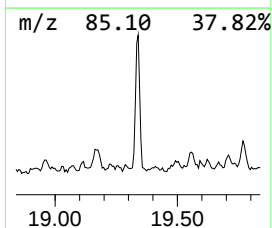
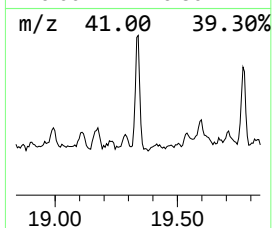
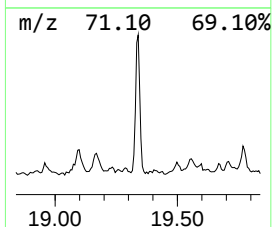
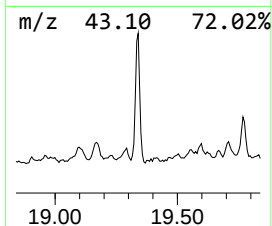
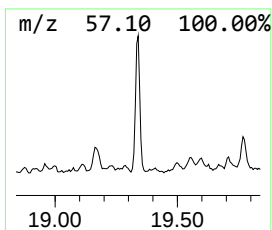
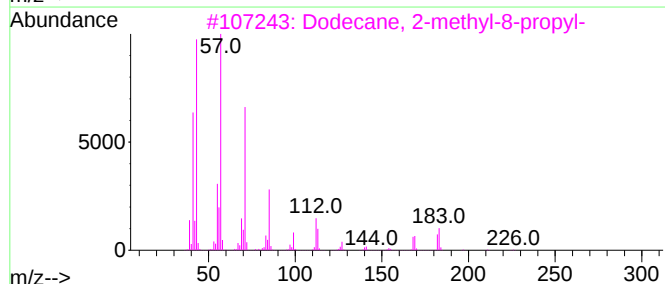
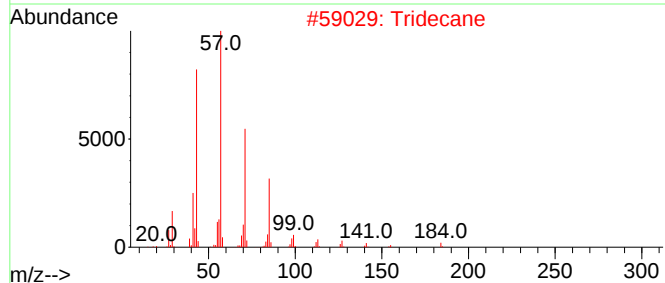
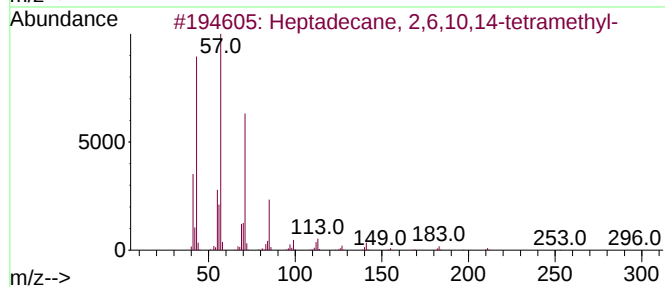
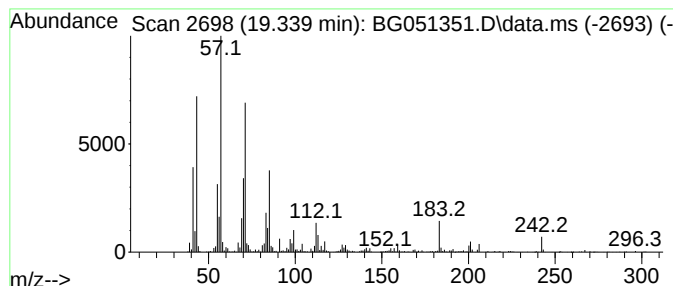
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.339    | 39.98 ng/ul                         | 792230 | Phenanthrene-d10 | 17.583      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptadecane, 2,6,10,14-tetramethyl- | 296    | C21H44           | 018344-37-1 | 83   |
| 2         | Tridecane                           | 184    | C13H28           | 000629-50-5 | 76   |
| 3         | Dodecane, 2-methyl-8-propyl-        | 226    | C16H34           | 055045-07-3 | 76   |
| 4         | Pentadecane, 7-methyl-              | 226    | C16H34           | 006165-40-8 | 72   |
| 5         | Tridecane, 7-propyl-                | 226    | C16H34           | 055045-09-5 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

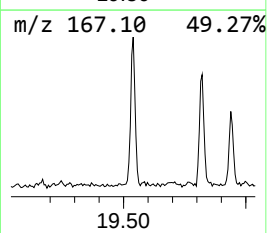
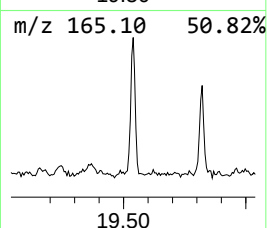
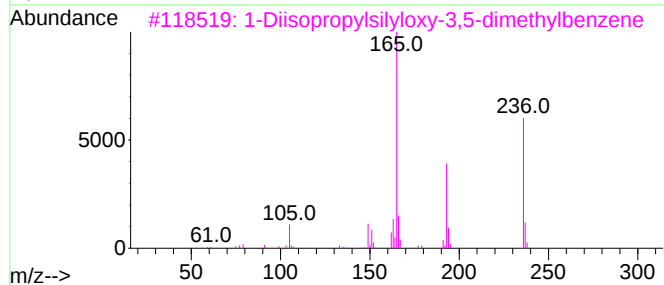
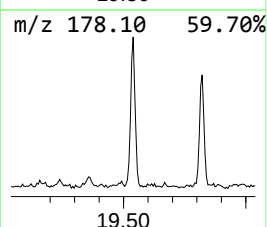
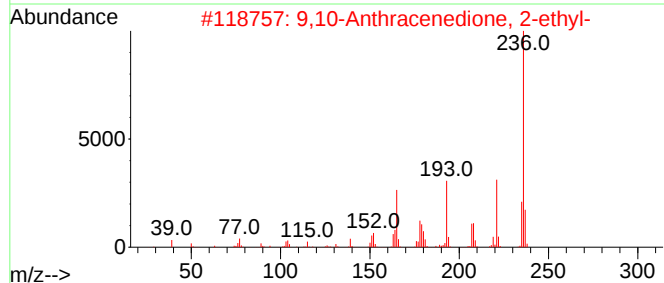
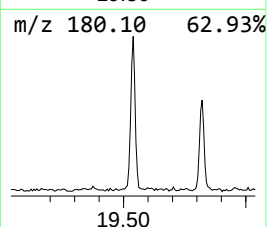
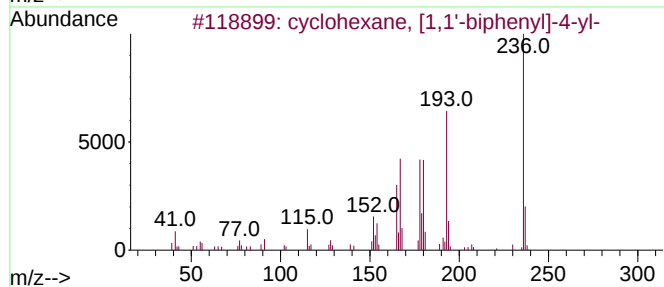
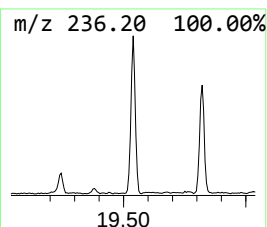
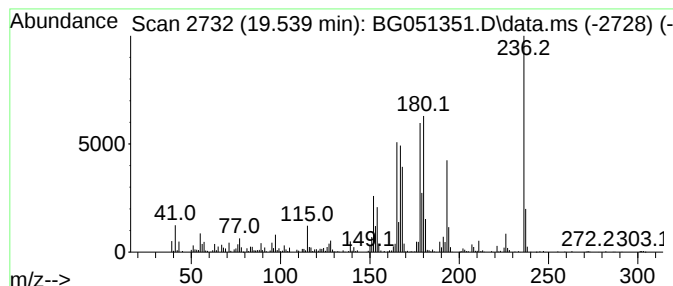
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 52 cyclohexane, [1,1'-biphenyl]... Concentration Rank 52

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 19.539    | 17.91 ng/ul                         | 354883 | Phenanthrene-d10 | 17.583       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | cyclohexane, [1,1'-biphenyl]-4-yl-  | 236    | C18H20           | 1000401-12-4 | 93   |
| 2         | 9,10-Anthracenedione, 2-ethyl-      | 236    | C16H12O2         | 000084-51-5  | 46   |
| 3         | 1-Diisopropylsilyloxy-3,5-dimeth... | 236    | C14H24OSi        | 1000307-97-3 | 45   |
| 4         | 9,10-Anthracenedione, 1-ethyl-      | 236    | C16H12O2         | 024624-29-1  | 43   |
| 5         | 9,10-Anthracenedione, 2,3-dimethyl- | 236    | C16H12O2         | 006531-35-7  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

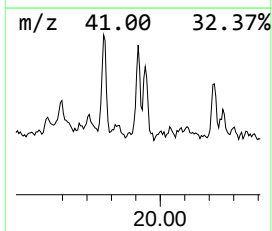
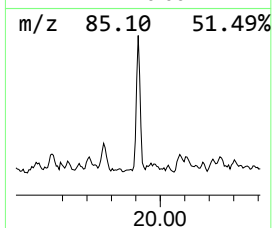
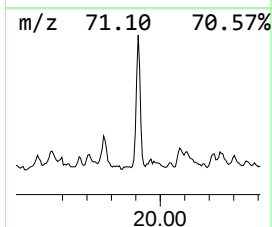
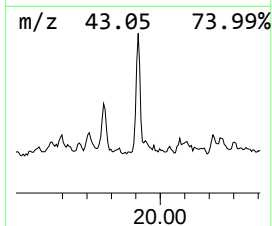
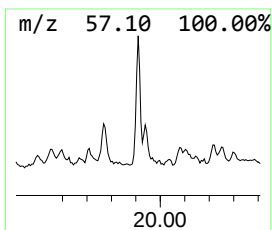
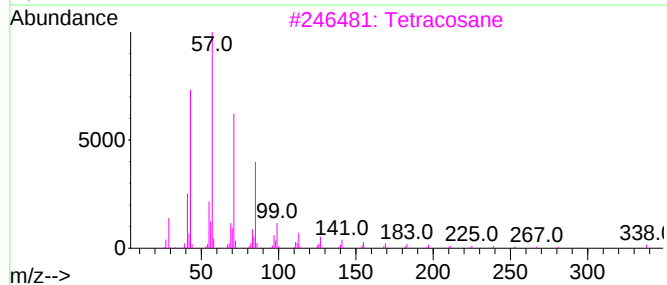
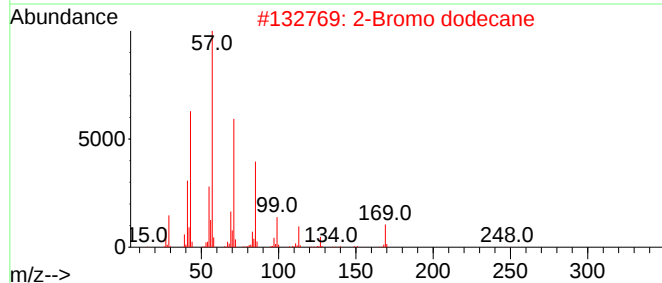
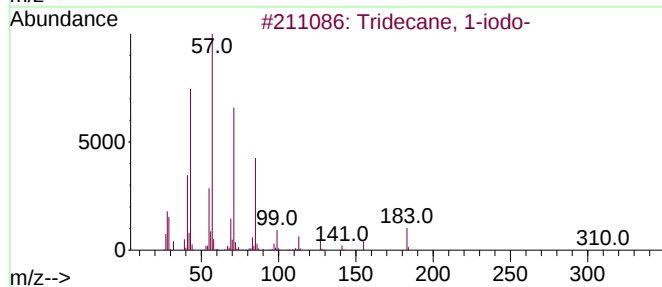
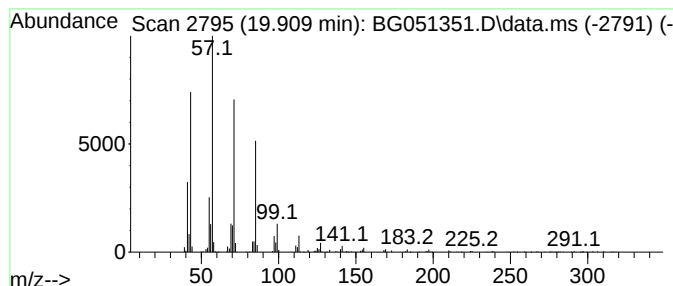
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 55 Tridecane, 1-iodo- Concentration Rank 56

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 19.909 | 17.29 ng/ul | 372884 | Chrysene-d12     | 21.883 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecane, 1-iodo-   | 310 | C13H27I  | 035599-77-0 | 93   |
| 2    |    |   | 2-Bromo dodecane     | 248 | C12H25Br | 013187-99-0 | 90   |
| 3    |    |   | Tetracosane          | 338 | C24H50   | 000646-31-1 | 90   |
| 4    |    |   | Tetradecane          | 198 | C14H30   | 000629-59-4 | 86   |
| 5    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I  | 019218-94-1 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

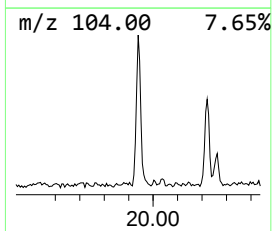
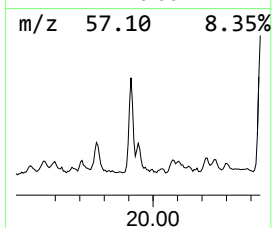
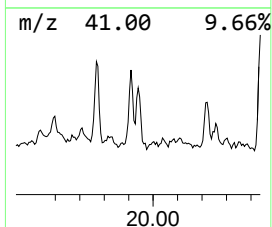
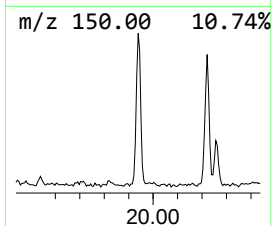
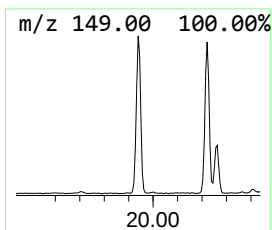
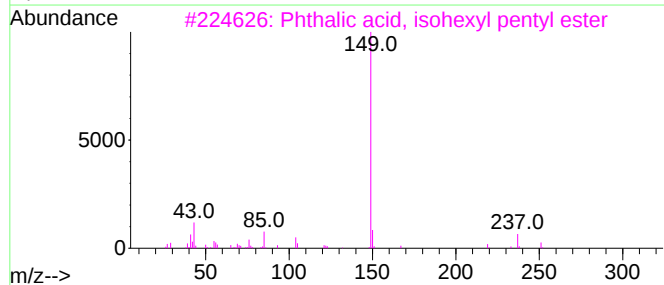
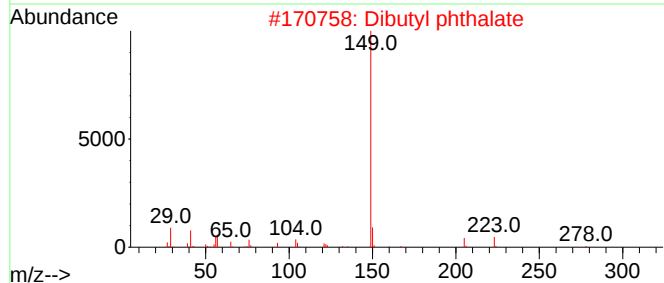
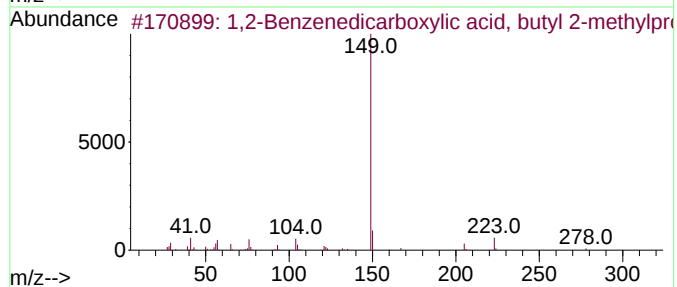
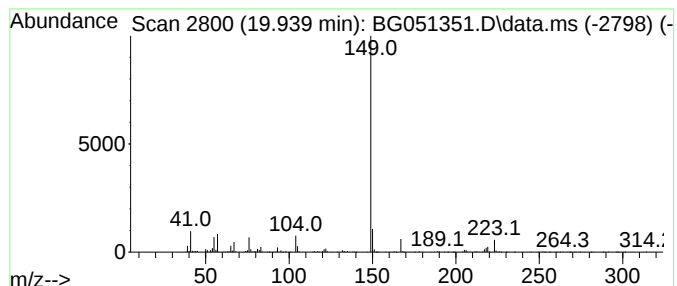
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 56 1,2-Benzenedicarboxylic aci... Concentration Rank 39

| R.T.      | EstConc                             | Area   | Relative to ISTD |            | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|------------|--------------|------|
| 19.939    | 23.78 ng/ul                         | 512652 | Chrysene-d12     |            | 21.883       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm    | CAS#         | Qual |
| 1         | 1,2-Benzenedicarboxylic acid, bu... |        | 278              | C16H22O4   | 017851-53-5  | 86   |
| 2         | Dibutyl phthalate                   |        | 278              | C16H22O4   | 000084-74-2  | 86   |
| 3         | Phthalic acid, isohexyl pentyl e... |        | 320              | C19H28O4   | 1000308-95-8 | 78   |
| 4         | Phthalic acid, 8-chlorooctyl iso... |        | 368              | C20H29ClO4 | 1000356-85-8 | 78   |
| 5         | Phthalic acid, isobutyl undecyl ... |        | 376              | C23H36O4   | 1010308-97-3 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

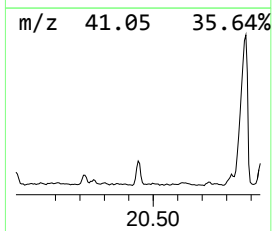
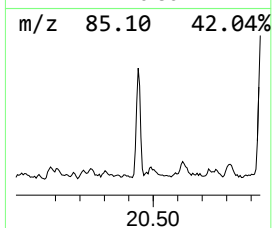
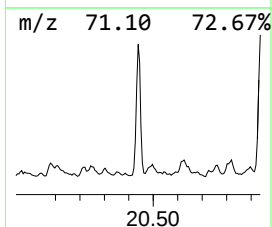
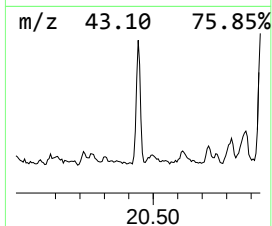
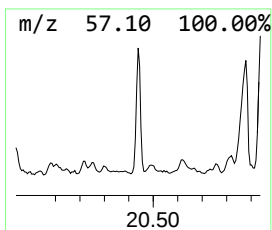
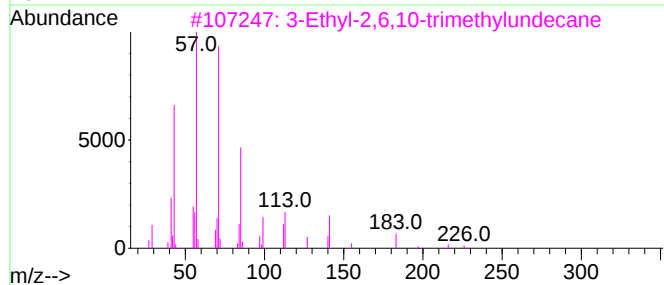
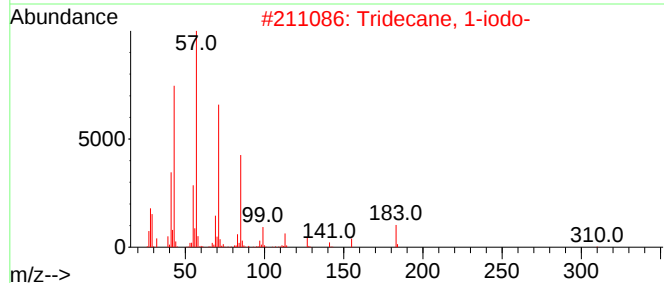
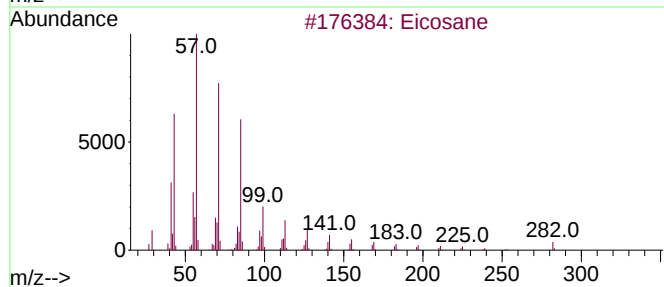
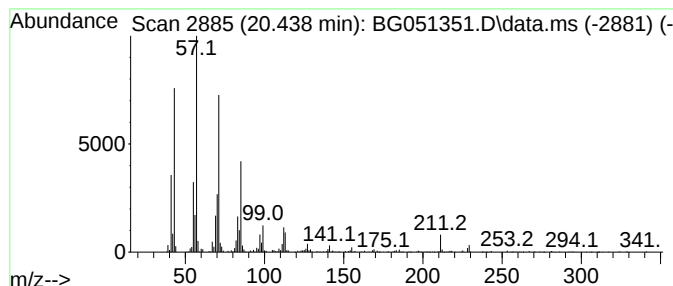
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 20.438 | 31.59 ng/ul | 681023 | Chrysene-d12     | 21.883 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Eicosane                           | 282 | C20H42  | 000112-95-8  | 95   |
| 2    |    |   | Tridecane, 1-iodo-                 | 310 | C13H27I | 035599-77-0  | 89   |
| 3    |    |   | 3-Ethyl-2,6,10-trimethylundecane   | 226 | C16H34  | 1000432-25-9 | 83   |
| 4    |    |   | Tetradecane                        | 198 | C14H30  | 000629-59-4  | 80   |
| 5    |    |   | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8  | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

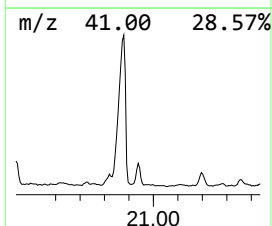
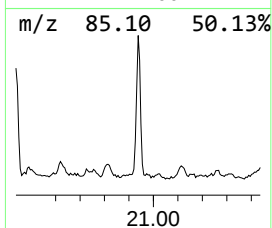
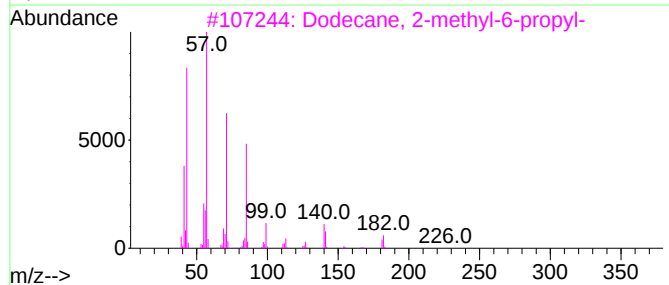
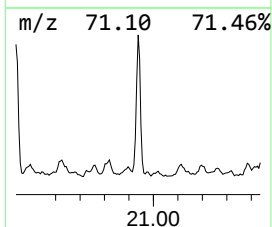
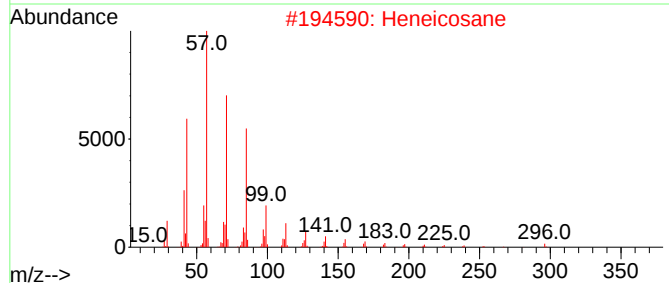
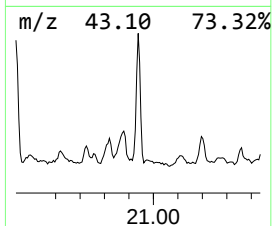
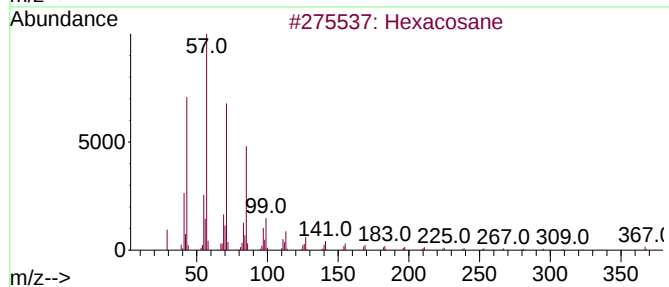
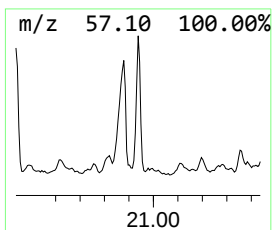
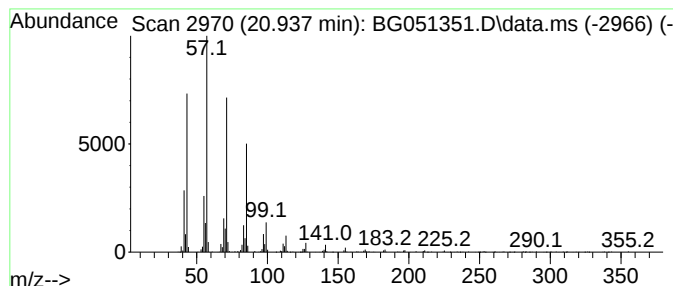
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 36

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 20.937 | 27.42 ng/ul | 591229 | Chrysene-d12     | 21.883 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane                   | 366 | C26H54  | 000630-01-3 | 91   |
| 2    |    |   | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 90   |
| 4    |    |   | Octacosane                   | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |    |   | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

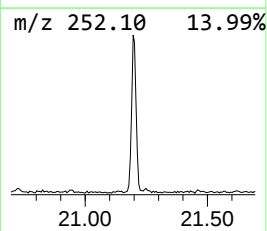
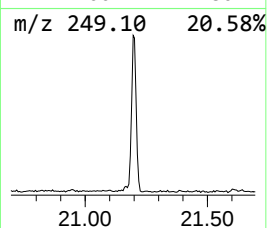
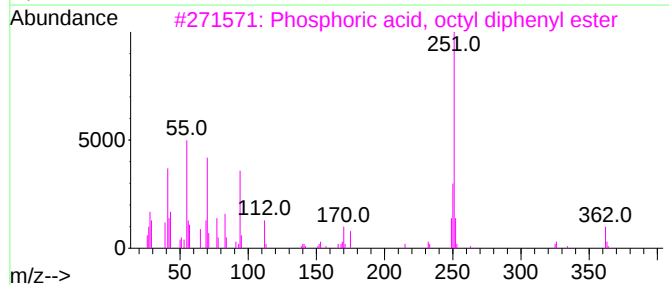
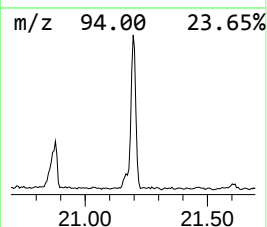
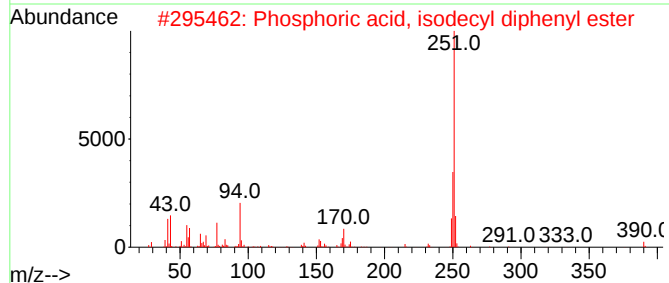
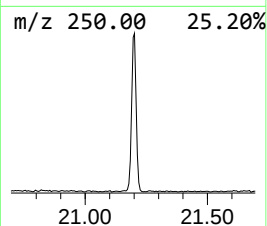
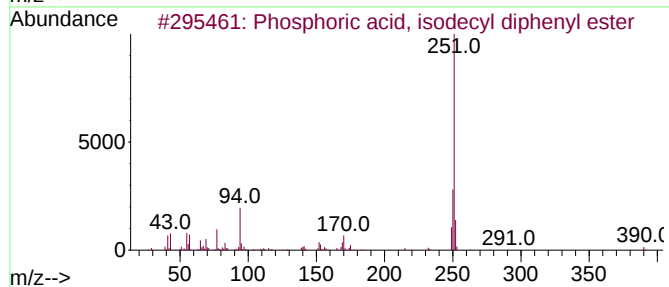
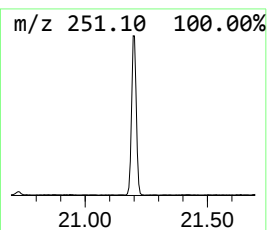
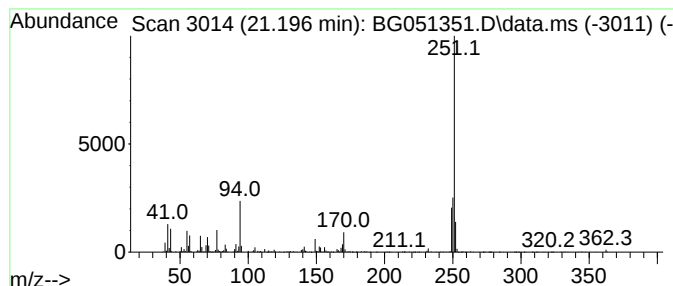
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 60 Phosphoric acid, isodecyl d... Concentration Rank 27

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 21.196 | 32.63 ng/ul | 703489 | Chrysene-d12     | 21.883 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Phosphoric acid, isodecyl diphen... | 390 | C22H31O4P | 1346599-15-2 | 87   |
| 2    |    |   | Phosphoric acid, isodecyl diphen... | 390 | C22H31O4P | 1346599-15-2 | 83   |
| 3    |    |   | Phosphoric acid, octyl diphenyl ... | 362 | C20H27O4P | 000115-88-8  | 50   |
| 4    |    |   | Octicizer                           | 362 | C20H27O4P | 001241-94-7  | 49   |
| 5    |    |   | trans-4-(Dimethylamino)chalcone     | 251 | C17H17NO  | 022965-98-6  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

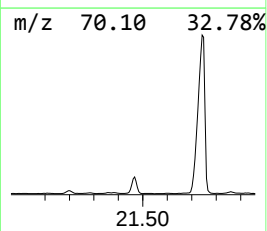
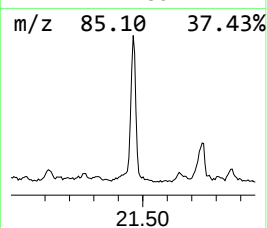
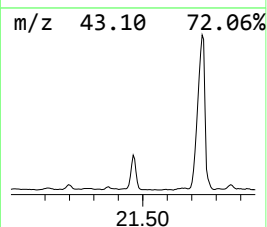
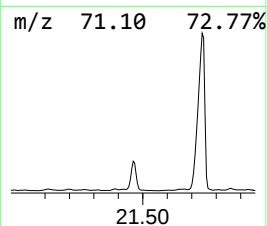
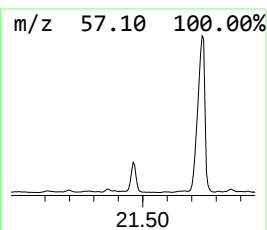
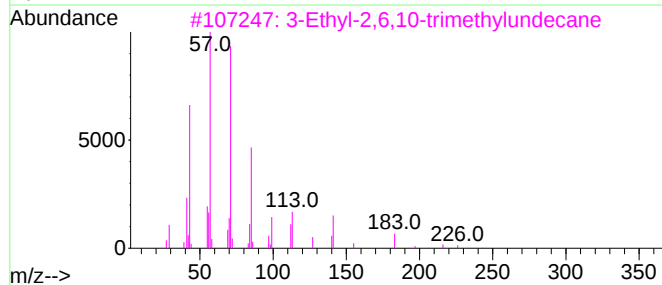
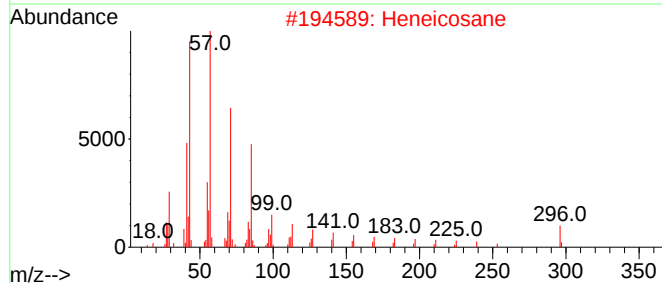
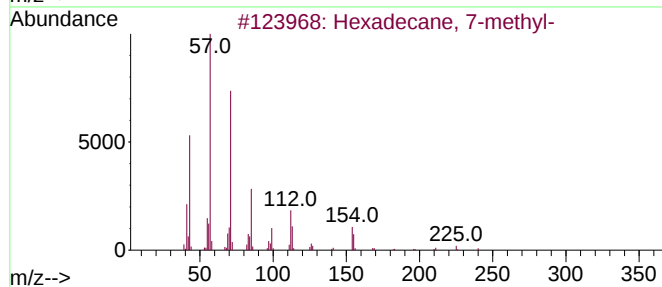
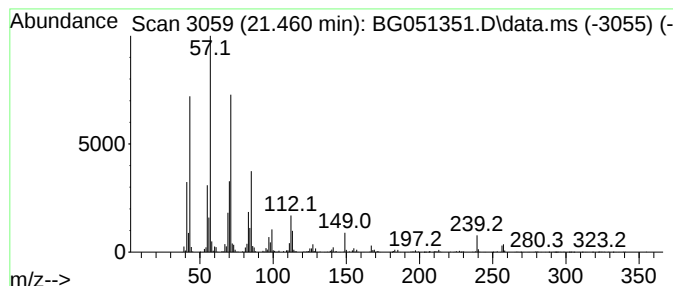
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ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.      | EstConc                          | Area    | Relative to ISTD |         | R.T.         |      |
|-----------|----------------------------------|---------|------------------|---------|--------------|------|
| 21.460    | 61.99 ng/ul                      | 1336590 | Chrysene-d12     |         | 21.883       |      |
| Hit# of 5 | Tentative ID                     |         | MW               | MolForm | CAS#         | Qual |
| 1         | Hexadecane, 7-methyl-            |         | 240              | C17H36  | 026730-20-1  | 94   |
| 2         | Heneicosane                      |         | 296              | C21H44  | 000629-94-7  | 93   |
| 3         | 3-Ethyl-2,6,10-trimethylundecane |         | 226              | C16H34  | 1000432-25-9 | 87   |
| 4         | Heptadecane, 9-hexyl-            |         | 324              | C23H48  | 055124-79-3  | 86   |
| 5         | Dodecane                         |         | 170              | C12H26  | 000112-40-3  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

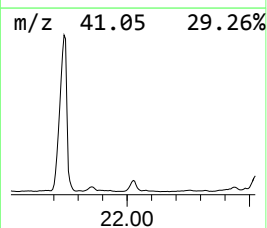
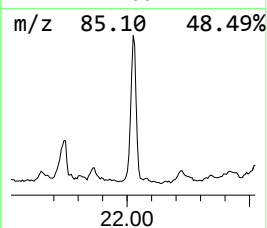
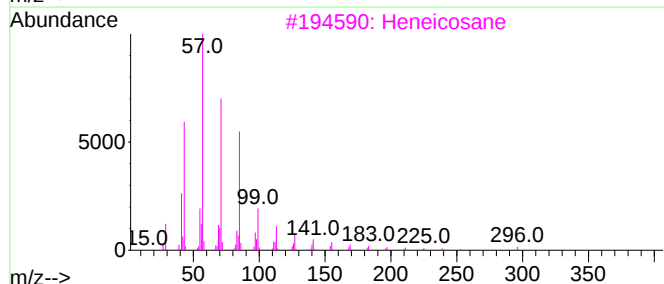
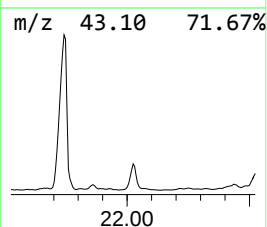
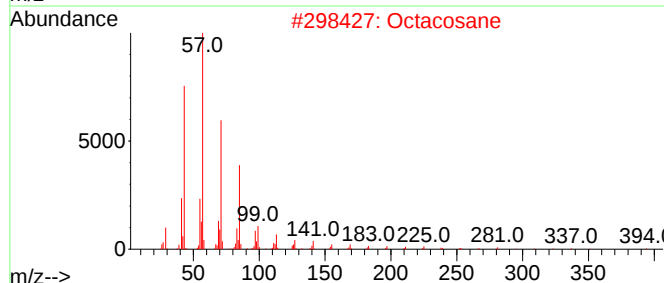
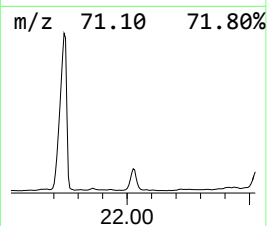
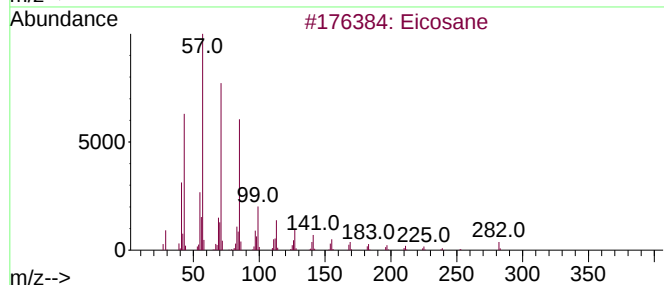
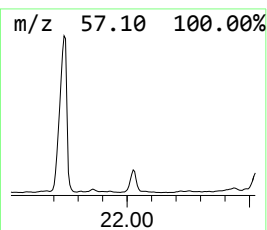
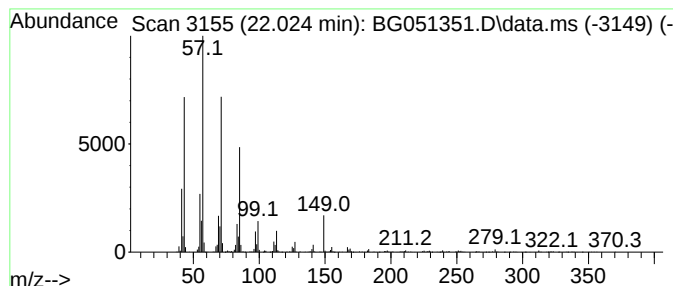
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.024 | 52.50 ng/ul | 1132070 | Chrysene-d12     | 21.883 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 87   |
| 3    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 87   |
| 4    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 87   |
| 5    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

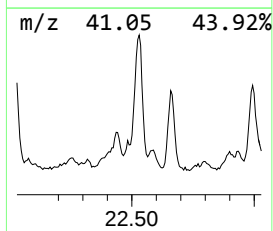
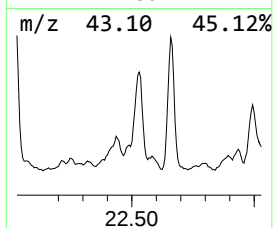
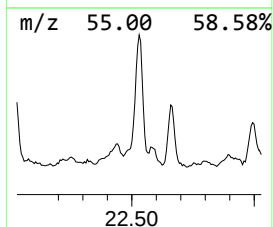
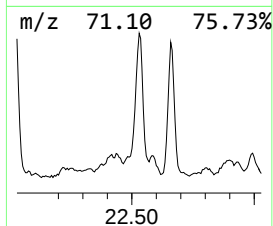
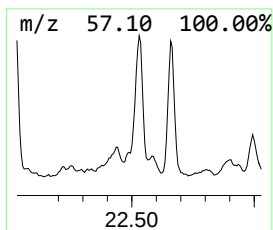
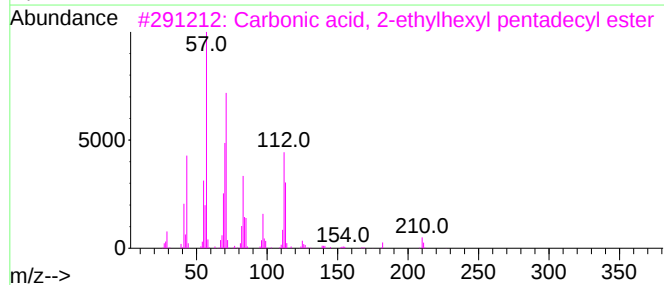
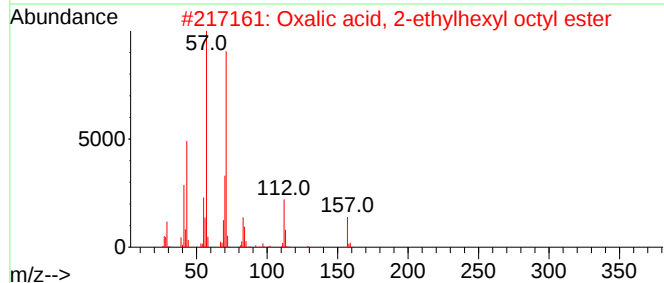
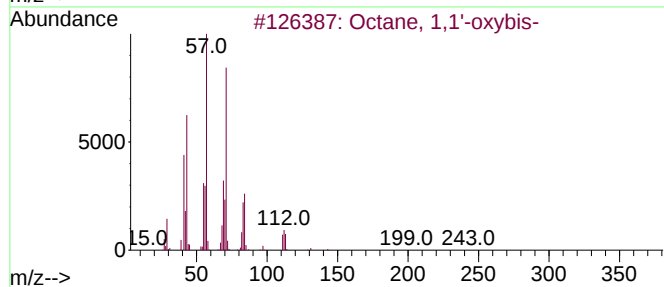
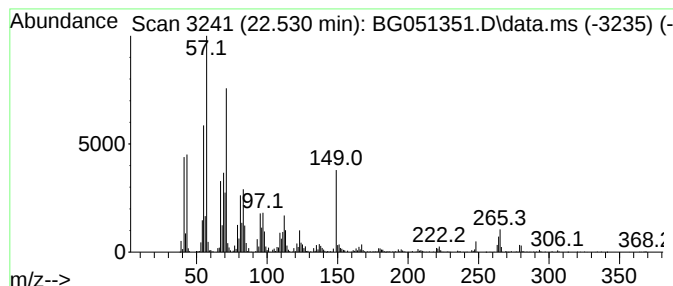
Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 65 Octane, 1,1'-oxybis- Concentration Rank 2

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 22.530    | 100.04 ng/ul                        | 2157010 | Chrysene-d12     | 21.883       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Octane, 1,1'-oxybis-                | 242     | C16H34O          | 000629-82-3  | 52   |
| 2         | Oxalic acid, 2-ethylhexyl octyl ... | 314     | C18H34O4         | 1000309-39-1 | 47   |
| 3         | Carbonic acid, 2-ethylhexyl pent... | 384     | C24H48O3         | 1000383-14-2 | 46   |
| 4         | Hexadecane, 7-methyl-               | 240     | C17H36           | 026730-20-1  | 43   |
| 5         | Oxalic acid, bis(2-ethylhexyl) e... | 314     | C18H34O4         | 1000309-39-0 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

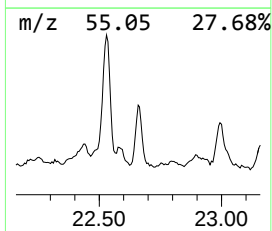
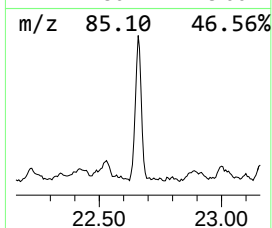
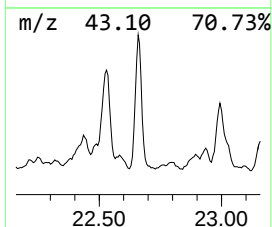
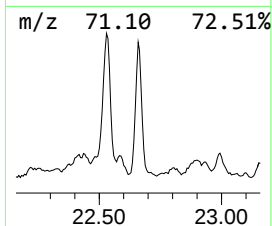
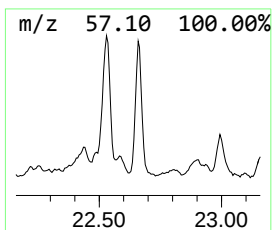
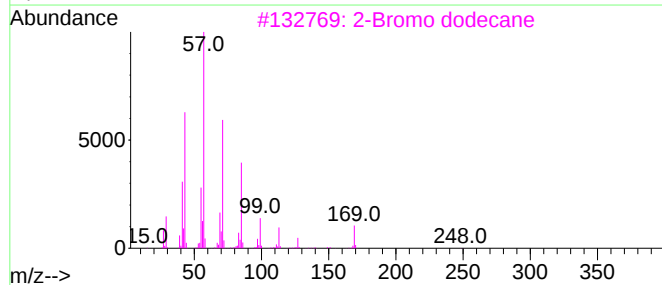
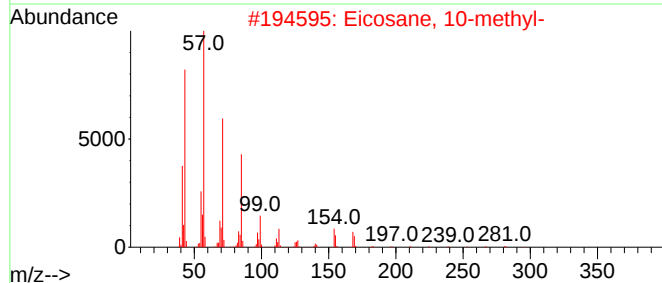
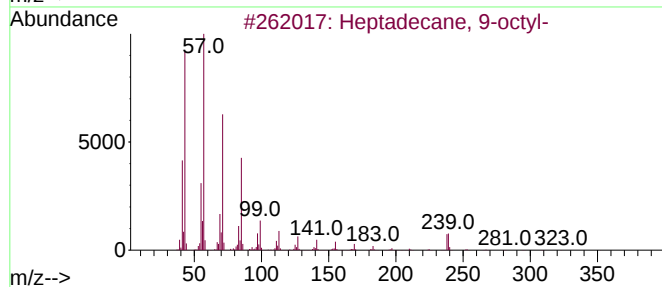
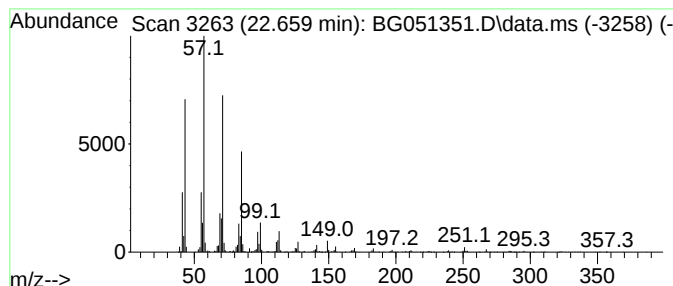
Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.      | EstConc               | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|-----------------------|---------|------------------|----------|-------------|------|
| 22.659    | 52.80 ng/ul           | 1138360 | Chrysene-d12     |          | 21.883      |      |
| Hit# of 5 | Tentative ID          |         | MW               | MolForm  | CAS#        | Qual |
| 1         | Heptadecane, 9-octyl- |         | 352              | C25H52   | 007225-64-1 | 91   |
| 2         | Eicosane, 10-methyl-  |         | 296              | C21H44   | 054833-23-7 | 91   |
| 3         | 2-Bromo dodecane      |         | 248              | C12H25Br | 013187-99-0 | 91   |
| 4         | Hexadecane            |         | 226              | C16H34   | 000544-76-3 | 91   |
| 5         | Octacosane, 2-methyl- |         | 408              | C29H60   | 001560-98-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

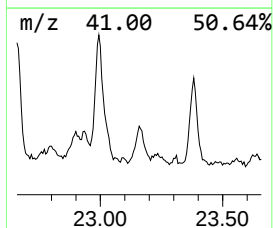
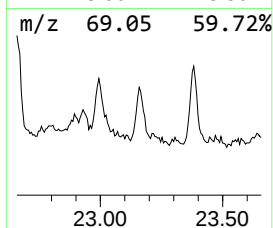
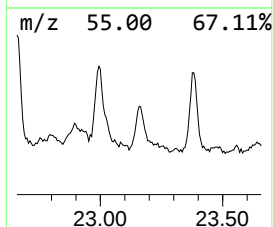
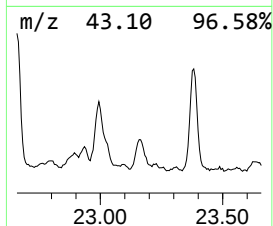
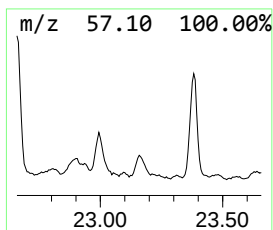
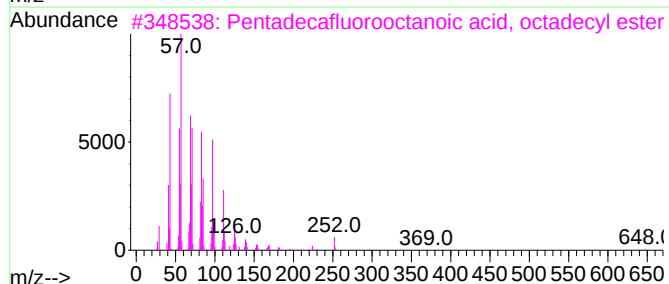
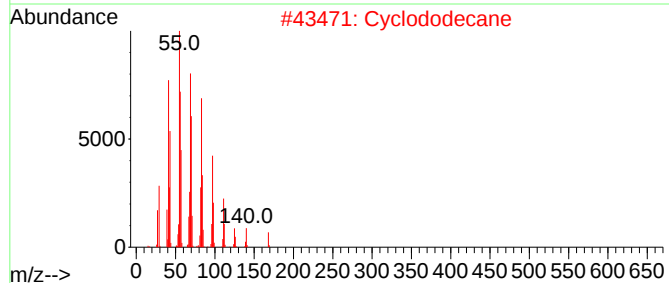
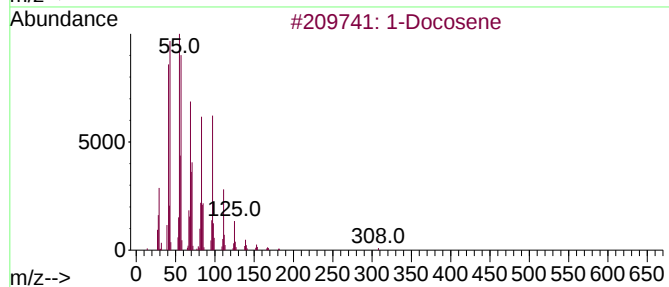
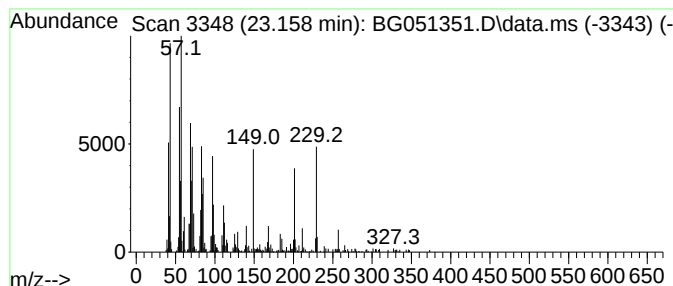
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 23.158    | 20.27 ng/ul                         | 437064 | Chrysene-d12     | 21.883       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Docosene                          | 308    | C22H44           | 001599-67-3  | 86   |
| 2         | Cyclododecane                       | 168    | C12H24           | 000294-62-2  | 74   |
| 3         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 55   |
| 4         | 3-Eicosene, (E)-                    | 280    | C20H40           | 074685-33-9  | 50   |
| 5         | Dichloroacetic acid, tetradecyl ... | 324    | C16H30Cl2O2      | 083005-02-1  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

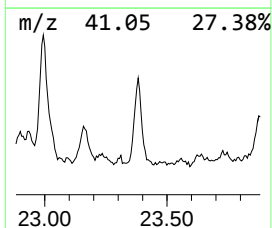
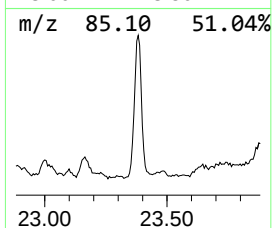
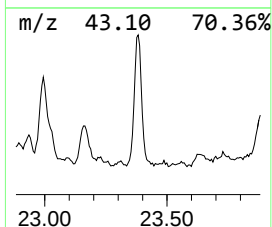
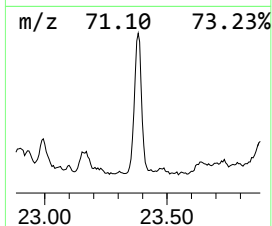
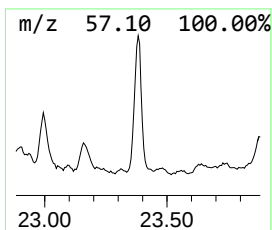
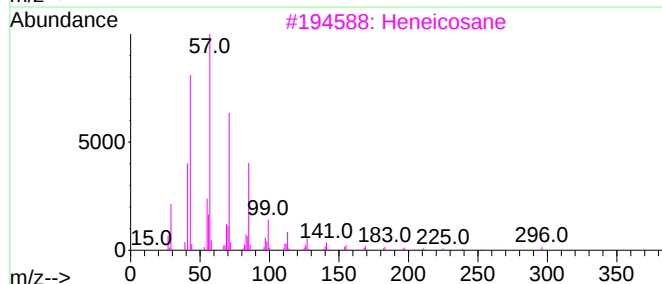
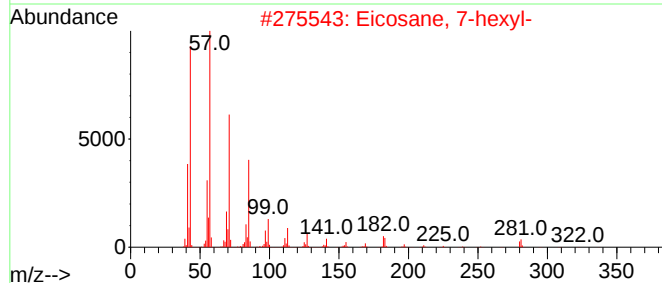
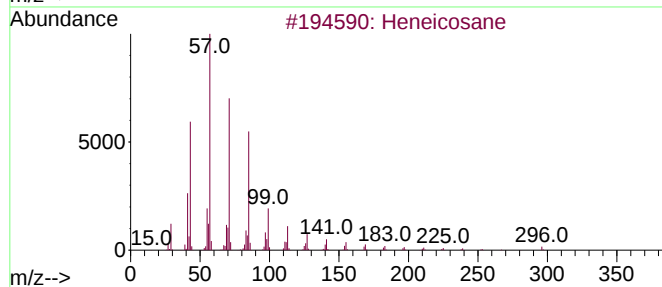
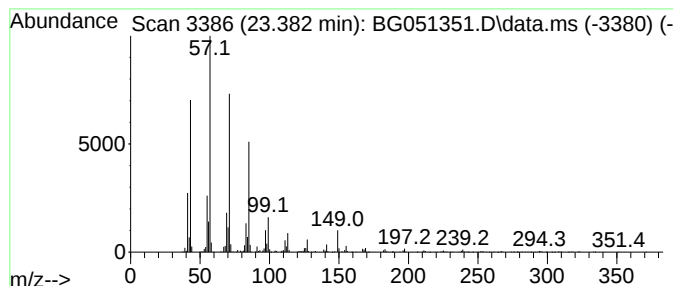
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.      | EstConc            | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------|--------|------------------|---------|-------------|------|
| 23.382    | 44.44 ng/ul        | 958119 | Chrysene-d12     |         | 21.883      |      |
| Hit# of 5 | Tentative ID       |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heneicosane        |        | 296              | C21H44  | 000629-94-7 | 91   |
| 2         | Eicosane, 7-hexyl- |        | 366              | C26H54  | 055333-99-8 | 91   |
| 3         | Heneicosane        |        | 296              | C21H44  | 000629-94-7 | 90   |
| 4         | Octacosane         |        | 394              | C28H58  | 000630-02-4 | 87   |
| 5         | Heptacosane        |        | 380              | C27H56  | 000593-49-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

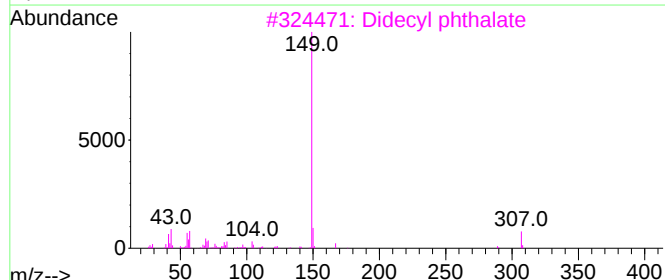
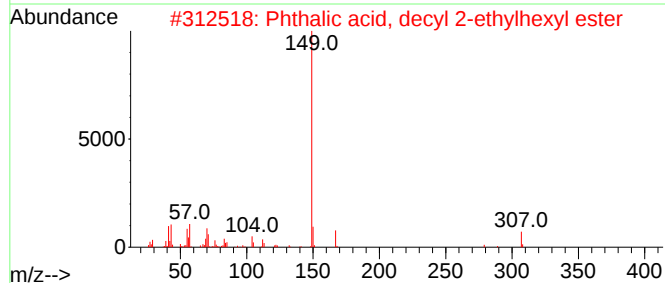
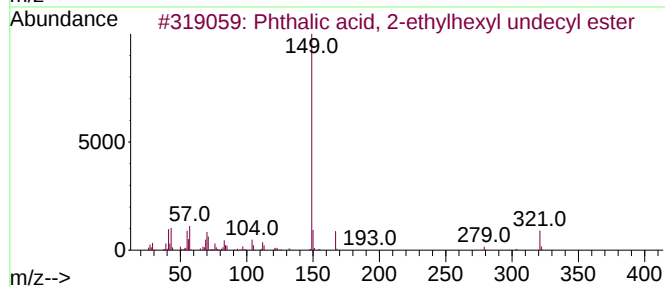
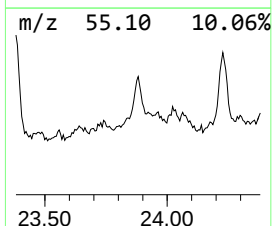
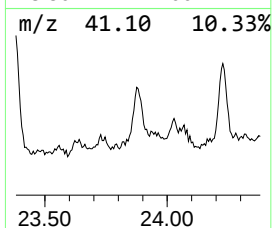
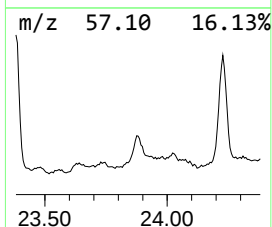
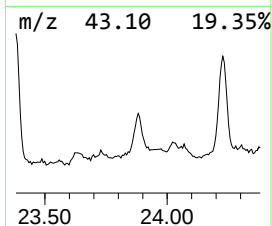
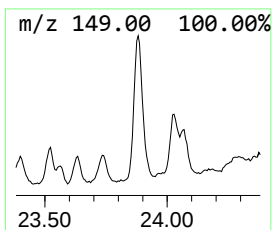
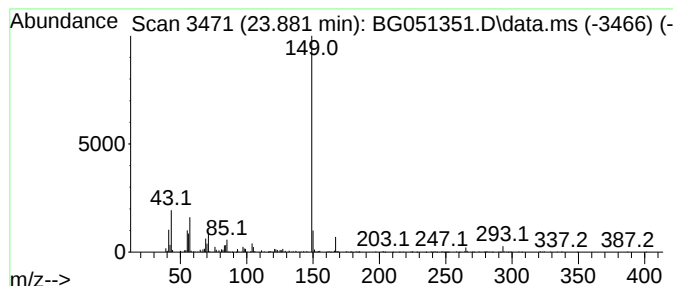
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 69 Phthalic acid, 2-ethylhexyl... Concentration Rank 41

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 23.881 | 20.88 ng/ul | 472290 | Perylene-d12     | 25.291 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Phthalic acid, 2-ethylhexyl unde... | 432 | C27H44O4  | 1000308-97-4 | 86   |
| 2    |    |   | Phthalic acid, decyl 2-ethylhexy... | 418 | C26H42O4  | 1000309-00-0 | 86   |
| 3    |    |   | Didecyl phthalate                   | 446 | C28H46O4  | 000084-77-5  | 86   |
| 4    |    |   | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4  | 000084-76-4  | 80   |
| 5    |    |   | Phthalic acid, 3-fluorophenyl he... | 498 | C31H43F04 | 1000356-66-2 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

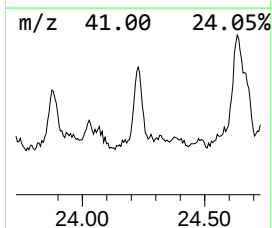
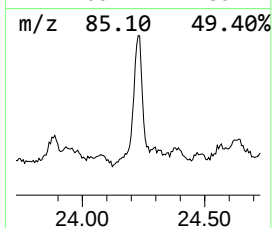
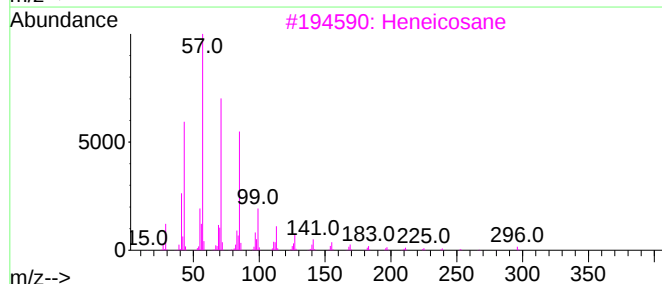
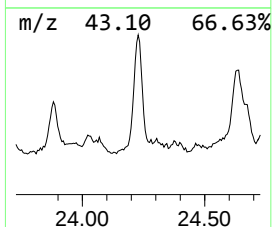
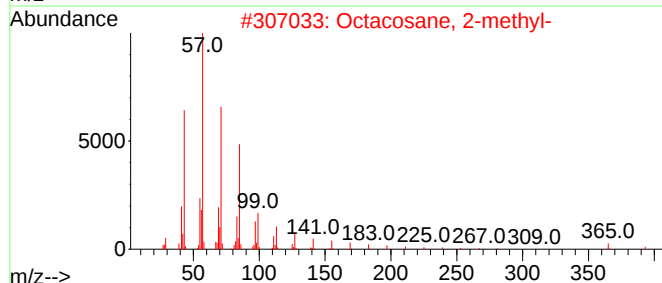
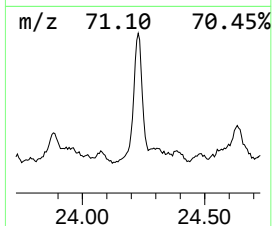
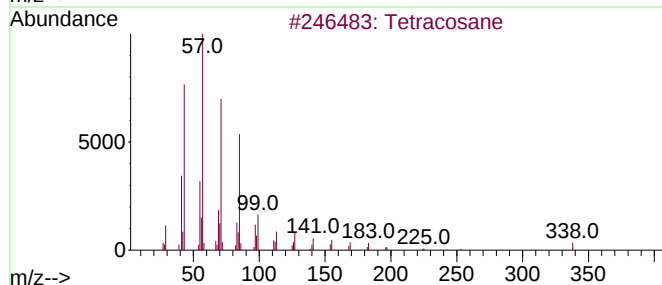
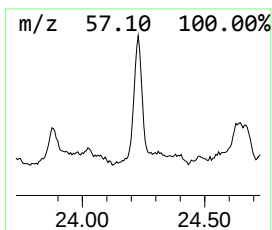
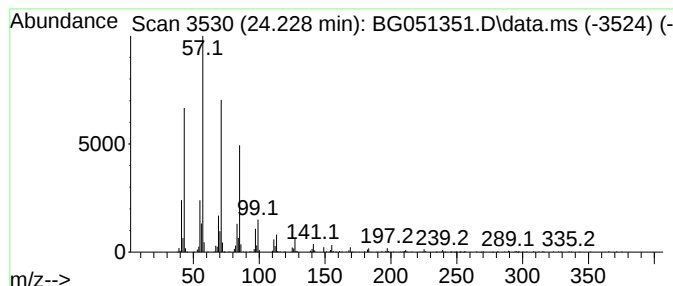
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 24.228 | 28.79 ng/ul | 651197 | Perylene-d12     | 25.291 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|------|-----------------------|-----|---------|--------------|------|
| 1    |      | Tetracosane           | 338 | C24H50  | 000646-31-1  | 91   |
| 2    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1  | 91   |
| 3    |      | Heneicosane           | 296 | C21H44  | 000629-94-7  | 91   |
| 4    |      | Docosane, 1-iodo-     | 436 | C22H45I | 1000406-31-9 | 91   |
| 5    |      | Hexacosane            | 366 | C26H54  | 000630-01-3  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

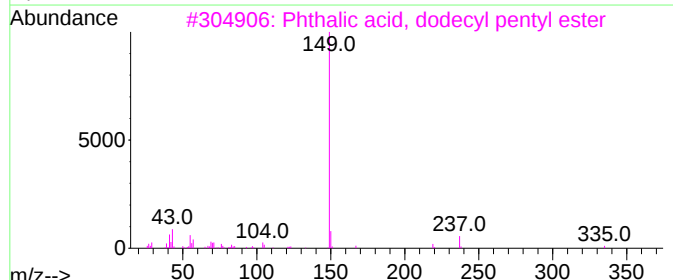
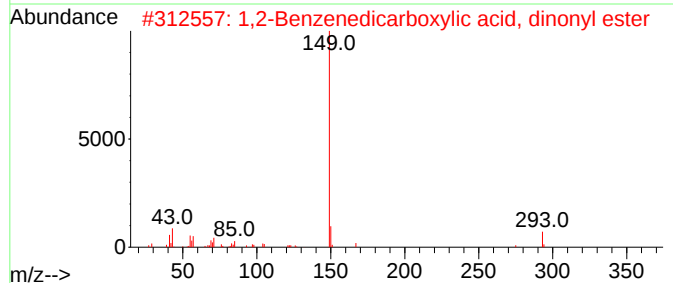
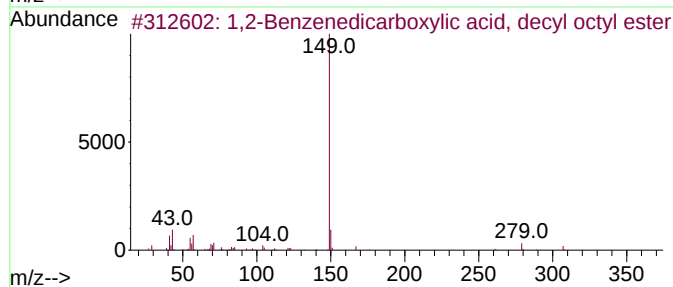
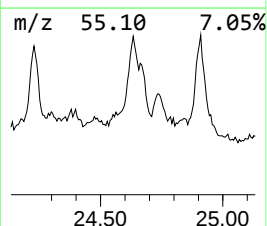
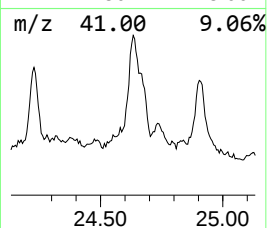
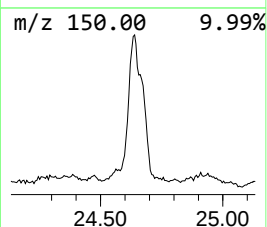
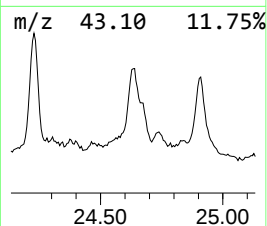
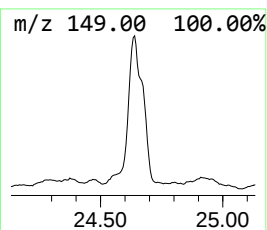
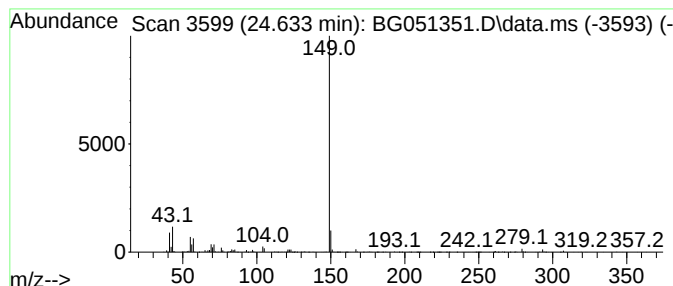
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 71 1,2-Benzenedicarboxylic aci... Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.633 | 71.12 ng/ul | 1608510 | Perylene-d12     | 25.291 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1,2-Benzenedicarboxylic acid, de... | 418 | C26H42O4 | 000119-07-3  | 91   |
| 2    |    |   | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4 | 000084-76-4  | 80   |
| 3    |    |   | Phthalic acid, dodecyl pentyl ester | 404 | C25H40O4 | 1000308-93-0 | 80   |
| 4    |    |   | Phthalic acid, decyl hex-3-yl ester | 390 | C24H38O4 | 1000356-96-1 | 80   |
| 5    |    |   | Di-n-octyl phthalate                | 390 | C24H38O4 | 000117-84-0  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

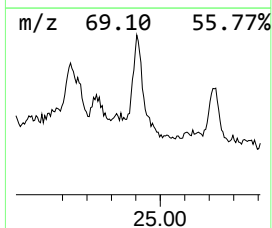
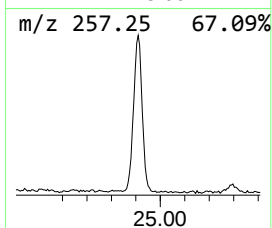
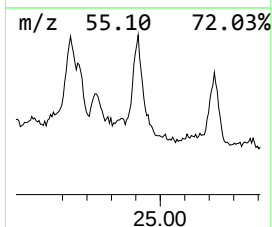
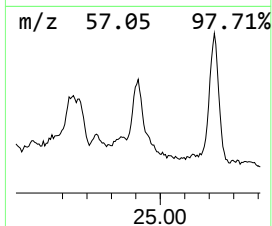
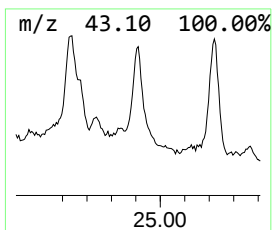
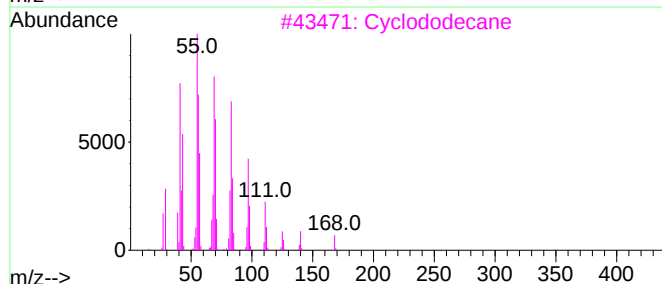
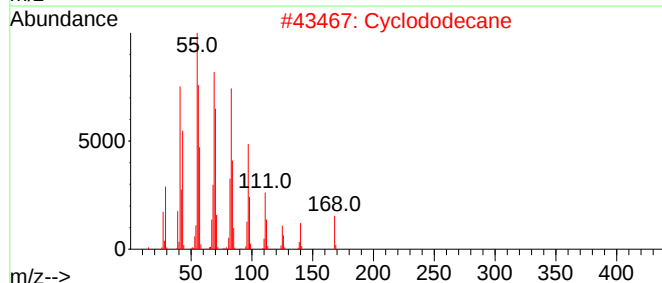
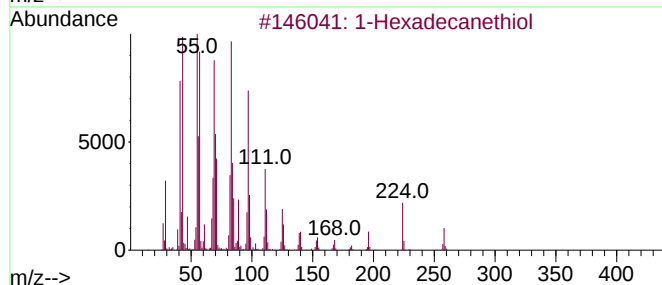
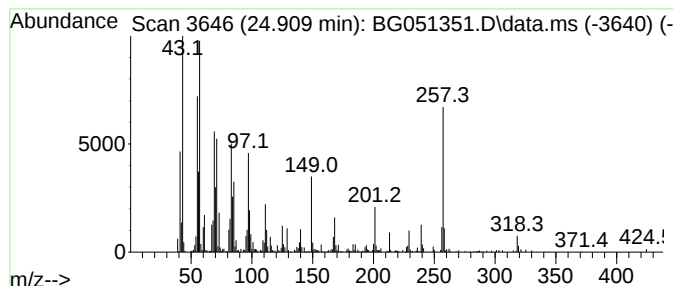
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 72 1-Hexadecanethiol Concentration Rank 16

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.909 | 45.96 ng/ul | 1039500 | Perylene-d12     | 25.291 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Hexadecanethiol                   | 258 | C16H34S    | 002917-26-2 | 91   |
| 2    |    |   | Cyclododecane                       | 168 | C12H24     | 000294-62-2 | 87   |
| 3    |    |   | Cyclododecane                       | 168 | C12H24     | 000294-62-2 | 86   |
| 4    |    |   | Hexadecanoic acid, decyl ester      | 396 | C26H52O2   | 042232-27-9 | 58   |
| 5    |    |   | Acetic acid, trifluoro-, dodecyl... | 282 | C14H25F3O2 | 006222-00-0 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

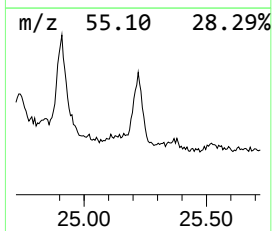
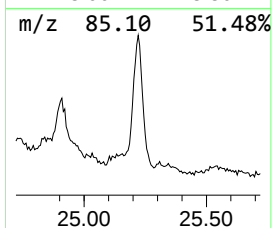
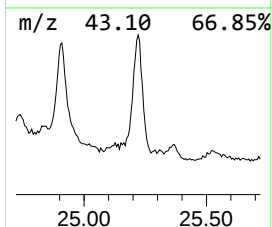
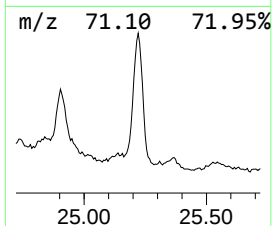
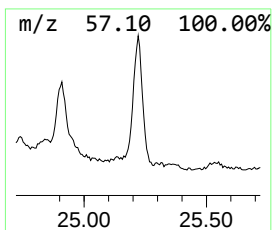
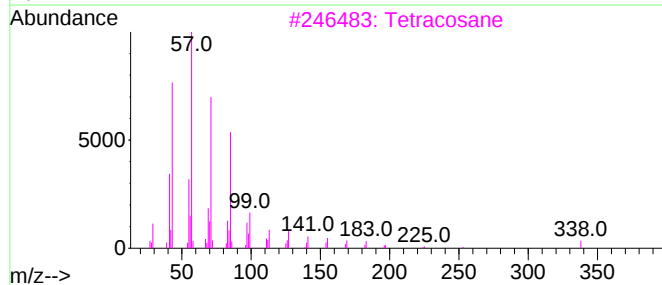
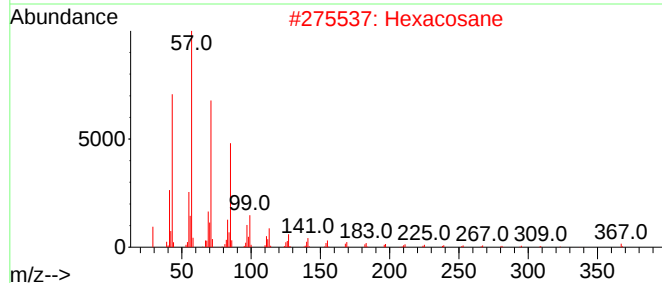
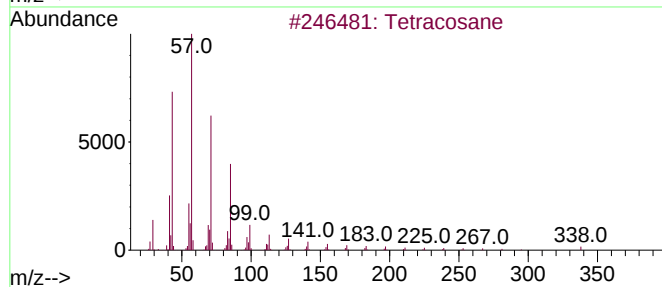
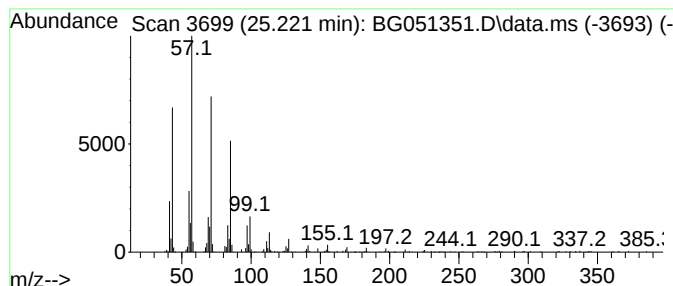
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T.      | EstConc            | Area   | Relative to ISTD |         | R.T.         |      |
|-----------|--------------------|--------|------------------|---------|--------------|------|
| 25.221    | 20.00 ng/ul        | 452308 | Perylene-d12     |         | 25.291       |      |
| Hit# of 5 | Tentative ID       |        | MW               | MolForm | CAS#         | Qual |
| 1         | Tetracosane        |        | 338              | C24H50  | 000646-31-1  | 91   |
| 2         | Hexacosane         |        | 366              | C26H54  | 000630-01-3  | 91   |
| 3         | Tetracosane        |        | 338              | C24H50  | 000646-31-1  | 90   |
| 4         | Eicosane, 7-hexyl- |        | 366              | C26H54  | 055333-99-8  | 90   |
| 5         | Docosane, 1-iodo-  |        | 436              | C22H45I | 1000406-31-9 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

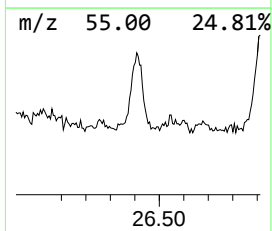
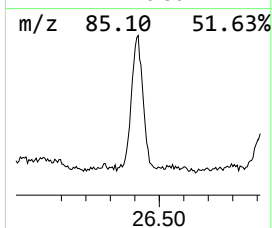
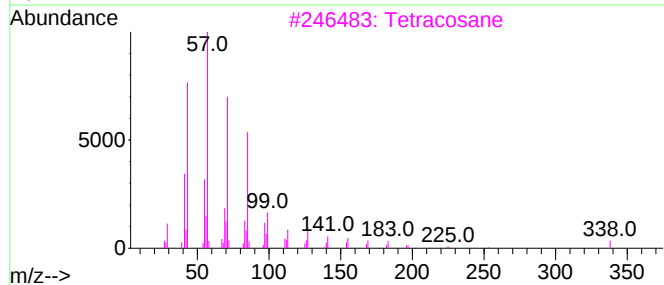
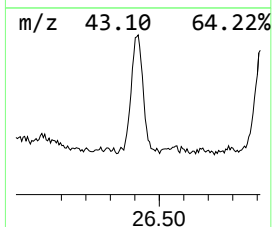
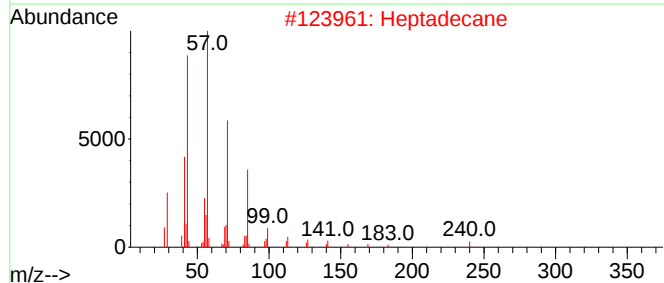
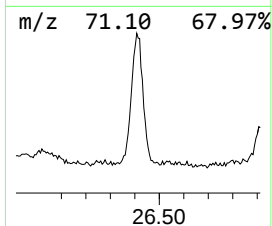
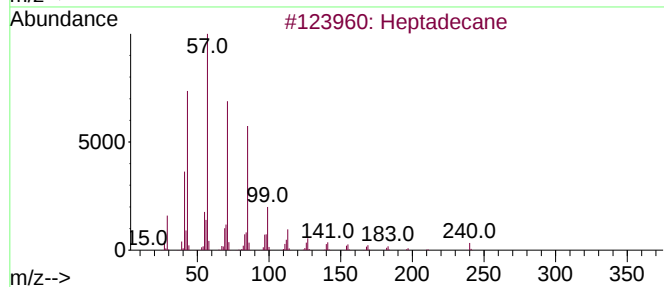
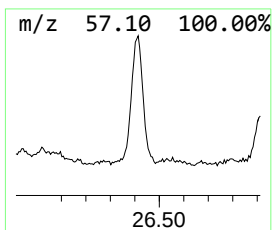
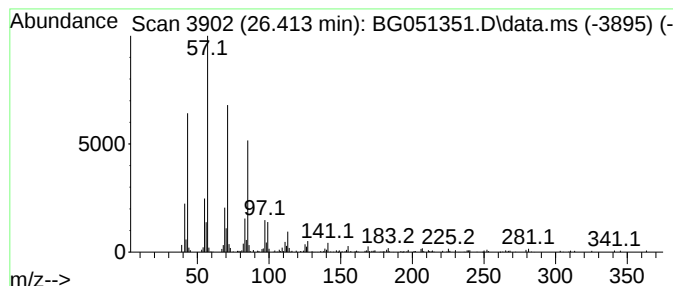
Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T.      | EstConc                        | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------|---------|-------------|------|
| 26.413    | 24.79 ng/ul                    | 560618 | Perylene-d12     |         | 25.291      |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heptadecane                    |        | 240              | C17H36  | 000629-78-7 | 95   |
| 2         | Heptadecane                    |        | 240              | C17H36  | 000629-78-7 | 94   |
| 3         | Tetracosane                    |        | 338              | C24H50  | 000646-31-1 | 90   |
| 4         | Heneicosane                    |        | 296              | C21H44  | 000629-94-7 | 87   |
| 5         | Tetradecane, 2,6,10-trimethyl- |        | 240              | C17H36  | 014905-56-7 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

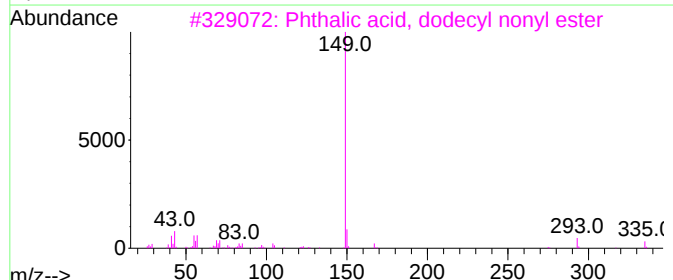
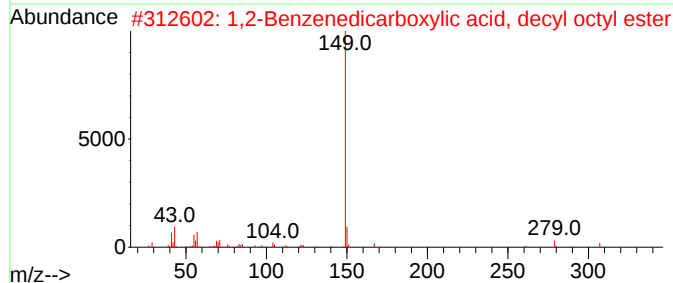
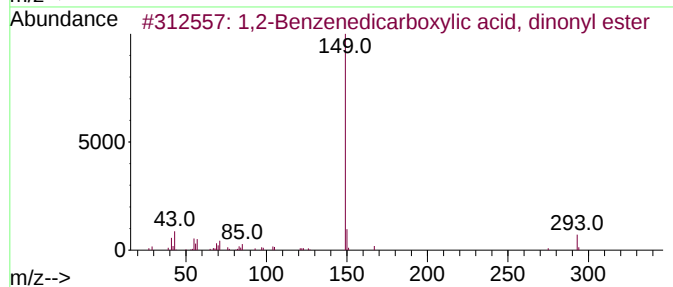
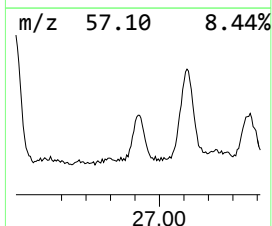
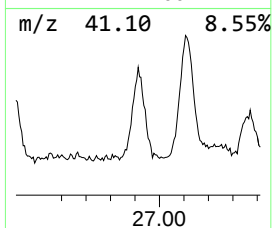
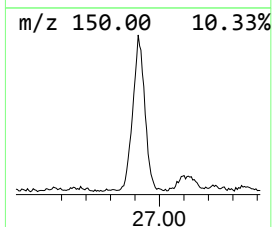
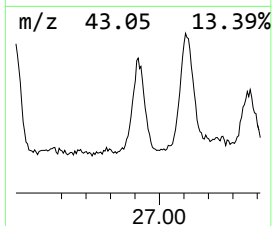
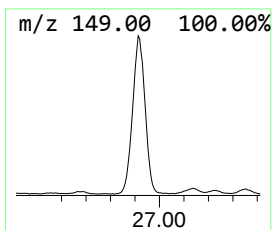
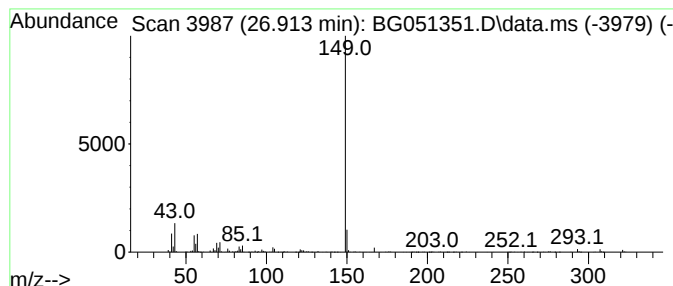
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 75 1,2-Benzenedicarboxylic aci... Concentration Rank 18

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 26.913 | 42.37 ng/ul | 958311 | Perylene-d12     | 25.291 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1,2-Benzenedicarboxylic acid, di... | 418 | C26H42O4 | 000084-76-4  | 83   |
| 2    |    |   | 1,2-Benzenedicarboxylic acid, de... | 418 | C26H42O4 | 000119-07-3  | 80   |
| 3    |    |   | Phthalic acid, dodecyl nonyl ester  | 460 | C29H48O4 | 1000308-92-6 | 80   |
| 4    |    |   | Phthalic acid, 2-ethylbutyl unde... | 404 | C25H40O4 | 1000356-89-6 | 72   |
| 5    |    |   | Phthalic acid, pentyl pentadecyl... | 446 | C28H46O4 | 1000308-92-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051351.D  
Acq On : 6 Dec 2021 15:30  
Operator : CG/JU  
Sample : M4942-03DL 25X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ1DL

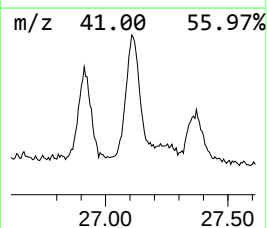
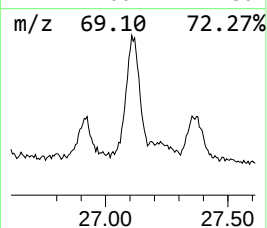
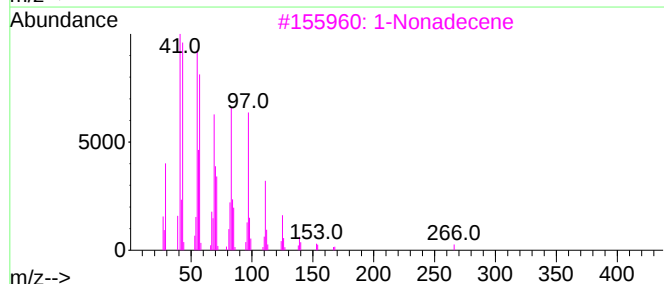
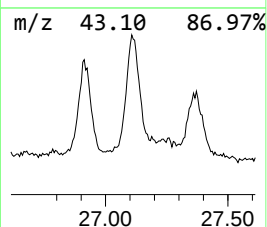
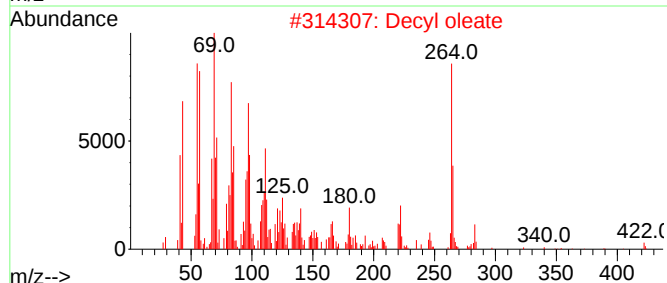
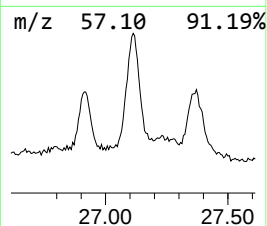
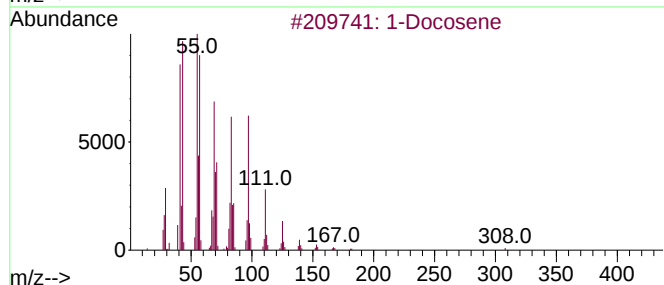
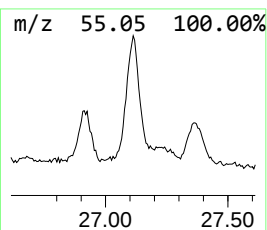
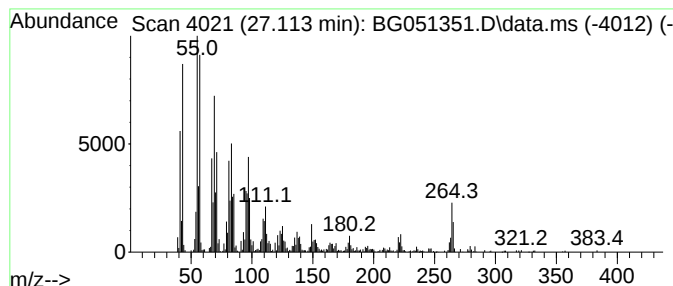
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 27.113    | 53.08 ng/ul                         | 1200350 | Perylene-d12     | 25.291      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | 1-Docosene                          | 308     | C22H44           | 001599-67-3 | 95   |
| 2         | Decyl oleate                        | 422     | C28H54O2         | 003687-46-5 | 91   |
| 3         | 1-Nonadecene                        | 266     | C19H38           | 018435-45-5 | 91   |
| 4         | 9-Octadecenoic acid (Z)-, octade... | 535     | C36H70O2         | 017673-49-3 | 90   |
| 5         | 6-Octadecenoic acid, (Z)-           | 282     | C18H34O2         | 000593-39-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
 Data File : BG051351.D  
 Acq On : 6 Dec 2021 15:30  
 Operator : CG/JU  
 Sample : M4942-03DL 25X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGKQ1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzene, 1,3-di... | 5.790  | 113.6   | ng/ul | 1101820  | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, (1-met... | 6.648  | 16.7    | ng/ul | 161946   | 1                     | 8.194  | 193936 | 20.0 |
| unknown-01         | 7.142  | 30.7    | ng/ul | 297988   | 1                     | 8.194  | 193936 | 20.0 |
| (DEL) Alkane: S... | 7.195  | 18.3    | ng/ul | 177414   | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, 1-ethy... | 7.253  | 40.2    | ng/ul | 389817   | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, 1-ethy... | 7.312  | 42.3    | ng/ul | 409855   | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, 1-ethy... | 7.559  | 18.9    | ng/ul | 182869   | 1                     | 8.194  | 193936 | 20.0 |
| (DEL) Alkane: S... | 7.776  | 97.9    | ng/ul | 949007   | 1                     | 8.194  | 193936 | 20.0 |
| Mesitylene         | 7.823  | 77.8    | ng/ul | 754702   | 1                     | 8.194  | 193936 | 20.0 |
| (DEL) Alkane: S... | 8.135  | 28.6    | ng/ul | 276956   | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, 1,2,3-... | 8.299  | 28.9    | ng/ul | 280704   | 1                     | 8.194  | 193936 | 20.0 |
| 4-Methyl-3-hept... | 8.746  | 41.3    | ng/ul | 400854   | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, 1,2-di... | 8.822  | 64.0    | ng/ul | 620115   | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, 1-ethy... | 9.286  | 36.5    | ng/ul | 354034   | 1                     | 8.194  | 193936 | 20.0 |
| unknown-02         | 9.539  | 19.9    | ng/ul | 193133   | 1                     | 8.194  | 193936 | 20.0 |
| Benzene, 2-ethy... | 9.633  | 18.3    | ng/ul | 267399   | 2                     | 11.025 | 292642 | 20.0 |
| (DEL) Alkane: S... | 10.397 | 19.9    | ng/ul | 291927   | 2                     | 11.025 | 292642 | 20.0 |
| (DEL) Alkane: S... | 10.949 | 60.4    | ng/ul | 884348   | 2                     | 11.025 | 292642 | 20.0 |
| (DEL) Alkane: S... | 11.131 | 15.7    | ng/ul | 230143   | 2                     | 11.025 | 292642 | 20.0 |
| (DEL) Alkane: S... | 11.995 | 17.6    | ng/ul | 256978   | 2                     | 11.025 | 292642 | 20.0 |
| (DEL) Alkane: S... | 12.389 | 53.1    | ng/ul | 777637   | 2                     | 11.025 | 292642 | 20.0 |
| Benzenamine, 2,... | 13.276 | 18.6    | ng/ul | 316992   | 3                     | 14.827 | 340591 | 20.0 |
| (DEL) Alkane: S... | 13.329 | 11.0    | ng/ul | 187573   | 3                     | 14.827 | 340591 | 20.0 |
| Naphthalene, 2,... | 14.004 | 23.9    | ng/ul | 407212   | 3                     | 14.827 | 340591 | 20.0 |
| Naphthalene, 2,... | 14.145 | 28.4    | ng/ul | 484553   | 3                     | 14.827 | 340591 | 20.0 |
| Benzenamine, 3,... | 14.175 | 31.1    | ng/ul | 529639   | 3                     | 14.827 | 340591 | 20.0 |
| 3,5-Dimethyl-4-... | 14.263 | 18.2    | ng/ul | 309665   | 3                     | 14.827 | 340591 | 20.0 |
| (DEL) Alkane: S... | 14.680 | 53.1    | ng/ul | 904495   | 3                     | 14.827 | 340591 | 20.0 |
| Naphthalene, 1,... | 15.291 | 20.2    | ng/ul | 343844   | 3                     | 14.827 | 340591 | 20.0 |
| (DEL) Alkane: S... | 16.496 | 78.3    | ng/ul | 1550930  | 4                     | 17.583 | 396346 | 20.0 |
| Benzene, (1-met... | 16.625 | 17.6    | ng/ul | 348821   | 4                     | 17.583 | 396346 | 20.0 |
| (DEL) Alkane: S... | 17.283 | 35.3    | ng/ul | 698547   | 4                     | 17.583 | 396346 | 20.0 |
| (DEL) Alkane: S... | 17.336 | 16.3    | ng/ul | 322329   | 4                     | 17.583 | 396346 | 20.0 |
| (DEL) Alkane: S... | 18.023 | 35.1    | ng/ul | 695918   | 4                     | 17.583 | 396346 | 20.0 |
| n-Hexadecanoic ... | 18.452 | 34.1    | ng/ul | 676355   | 4                     | 17.583 | 396346 | 20.0 |
| (DEL) Alkane: S... | 18.711 | 22.0    | ng/ul | 436117   | 4                     | 17.583 | 396346 | 20.0 |
| (DEL) Alkane: S... | 19.339 | 40.0    | ng/ul | 792230   | 4                     | 17.583 | 396346 | 20.0 |
| cyclohexane, [1... | 19.539 | 17.9    | ng/ul | 354883   | 4                     | 17.583 | 396346 | 20.0 |
| Tridecane, 1-iodo- | 19.909 | 17.3    | ng/ul | 372884   | 5                     | 21.883 | 431232 | 20.0 |
| 1,2-Benzenedica... | 19.939 | 23.8    | ng/ul | 512652   | 5                     | 21.883 | 431232 | 20.0 |
| (DEL) Alkane: S... | 20.438 | 31.6    | ng/ul | 681023   | 5                     | 21.883 | 431232 | 20.0 |
| (DEL) Alkane: S... | 20.937 | 27.4    | ng/ul | 591229   | 5                     | 21.883 | 431232 | 20.0 |
| Phosphoric acid... | 21.196 | 32.6    | ng/ul | 703489   | 5                     | 21.883 | 431232 | 20.0 |
| (DEL) Alkane: S... | 21.460 | 62.0    | ng/ul | 1336590  | 5                     | 21.883 | 431232 | 20.0 |
| (DEL) Alkane: S... | 22.024 | 52.5    | ng/ul | 1132070  | 5                     | 21.883 | 431232 | 20.0 |
| Octane, 1,1'-ox... | 22.530 | 100.0   | ng/ul | 2157010  | 5                     | 21.883 | 431232 | 20.0 |
| (DEL) Alkane: S... | 22.659 | 52.8    | ng/ul | 1138360  | 5                     | 21.883 | 431232 | 20.0 |
| (DEL) Alkane: S... | 23.158 | 20.3    | ng/ul | 437064   | 5                     | 21.883 | 431232 | 20.0 |
| (DEL) Alkane: S... | 23.382 | 44.4    | ng/ul | 958119   | 5                     | 21.883 | 431232 | 20.0 |
| Phthalic acid, ... | 23.881 | 20.9    | ng/ul | 472290   | 6                     | 25.291 | 452308 | 20.0 |
| (DEL) Alkane: S... | 24.228 | 28.8    | ng/ul | 651197   | 6                     | 25.291 | 452308 | 20.0 |
| 1,2-Benzenedica... | 24.633 | 71.1    | ng/ul | 1608510  | 6                     | 25.291 | 452308 | 20.0 |

|                    |        |      |       |         |   |        |        |      |
|--------------------|--------|------|-------|---------|---|--------|--------|------|
| 1-Hexadecanethiol  | 24.909 | 46.0 | ng/ul | 1039500 | 6 | 25.291 | 452308 | 20.0 |
| (DEL) Alkane: S... | 25.221 | 20.0 | ng/ul | 452308  | 6 | 25.291 | 452308 | 20.0 |
| (DEL) Alkane: S... | 26.413 | 24.8 | ng/ul | 560618  | 6 | 25.291 | 452308 | 20.0 |
| 1,2-Benzenedica... | 26.913 | 42.4 | ng/ul | 958311  | 6 | 25.291 | 452308 | 20.0 |
| (DEL) Alkane: S... | 27.113 | 53.1 | ng/ul | 1200350 | 6 | 25.291 | 452308 | 20.0 |

Instrument :

BNA\_G

ClientSampleId :

BGKQ1DL